

PROJECT: 20-1090 REST, SKOOKUM CREEK RM 6.5 RESTORATION

Sponsor: South Puget Sound SEG Program: Salmon State Projects Status: Application Resubmitted

Parties to the Agreement

PRIMARY SPONSOR

South Puget Sound Salmon Enhancement Group

Address 6700 Martin Way E Ste 112**City** Olympia **State** WA **Zip** 98516**Org Type** Non-Gov-Reg Fisheries Enhance Group**Vendor #** SWV0013792-00**UBI** 601313551**Date Org created****Org Notes**[link to Organization profile](#)☐ Org data updated

SECONDARY SPONSORS

No records to display

LEAD ENTITY

WRIA 14 LE

QUESTIONS

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

Squaxin Island Tribe is a major partner. They are a lead agency in developing watershed recovery efforts. They have provided funding for the Preliminary Design (in-process) for this project, and provided the initial site assessment that led to the identification of this property for habitat restoration. The Tribe is also leading a major initiative to acquire, conserve, and restore large portions of the middle and lower Skookum valley.

External Systems

SPONSOR ASSIGNED INFO

Sponsor-Assigned Project Number

Sponsor-Assigned Regions

EXTERNAL SYSTEM REFERENCE

Source	Project Number	Submitter
HWS	20-1090	SHagerty

Project Application Report - 20-1090

Project Contacts

Contact Name Primary Org	Project Role	Work Phone	Work Email
Josh Lambert Rec. and Conserv. Office	Project Manager	(360) 867-8781	Josh.Lambert@rco.wa.gov
Brian Combs South Puget Sound SEG	Project Contact	(360) 412-0808 104	brianc@spsseg.org
Steven Hagerty Mason Conservation Dist	Lead Entity Contact	(360) 427-9436 Ext 130	shagerty@masoncd.org
Harold Schmidt South Puget Sound SEG	Billing	(360) 412-0808 Ext 102	harold@spsseg.org

Worksites & Properties

Worksite Name

#1 Skookum RM 6.5

Restoration Property Name

✓

Stewart

Project Application Report - 20-1090

Worksite Map & Description

Worksite #1: Skookum RM 6.5

WORKSITE ADDRESS

Street Address

City, State, Zip



Worksite Details

Worksite #1: Skookum RM 6.5

SITE ACCESS DIRECTIONS

From Olympia:
Take Highway 101 North towards Shelton. Exit at the Highway 108 exit for Kamilche and Little Creek Casino. Turn left (west) onto Highway 108. Proceed for 5 miles, the site is on the right.

TARGETED ESU SPECIES

Species by ESU	Egg Present	Juvenile Present	Adult Present	Population Trend
Chum-Puget Sound/Strait of Georgia, Not Warranted	✓	✓	✓	Unknown
Coho-Puget Sound/Strait of Georgia, Species of Concern	✓	✓	✓	Declining
Steelhead-Puget Sound, South Puget Sound Tributaries, Threatened		✓		Declining

Reference or source used

Kuttle, Michael. 2002. SALMONID HABITAT LIMITING FACTORS WATER RESOURCE INVENTORY AREA 14, KENNEDY-GOLDSBOROUGH BASIN. Washington Conservation Commission. Squaxin Island Tribe, Personal communication.

TARGETED NON-ESU SPECIES

Species by Non-ESU	Notes
Cutthroat	

Questions

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

unknown

Project Location

RELATED PROJECTS

Project Application Report - 20-1090

Projects in PRISM

PRISM Number	Project Name	Current Status	Relationship Type	Notes
20-1088 A	Skookum Creek Valley Phase 2 Conservation	Application Returned	Future Phase	To acquire additional properties along Skookum Creek for conservation and restoration. Not directly associated with the proposed project, but is part of the larger watershed effort.
18-1887 A	Skookum Creek Conservation	Active	Earlier Phase	This was an earlier project to acquire additional properties along Skookum Creek for conservation and restoration. Not directly associated with the proposed project, but is part of the larger watershed effort.

Projects not in PRISM

Project Number	Project Name	Current Status	Relationship Type	Project Funder
Stewart-001	Stewart Site Restoration Design	In Progress	Current Phase	Squaxin Island Tribe

Related Project Notes

The Squaxin Island Tribe and partners have initiated a watershed approach to restoration and conservation in the Skookum valley which involves acquiring, conserving, and restoring large properties in the middle and lower portions of the valley. As part of this effort, multiple restoration projects have been identified, some of which have been completed already, with funding and implementation strategies moving forward. The Tribe has recently acquired a large property along the creek, with plans to continue acquiring nearby sites, with the intent of conducting large-scale restoration projects (and conservation of the properties).

The project proposed herein is located on property already owned by the Tribe. A Preliminary Design was funded with prior tribal funds (currently in-progress) and the Final Design will be completed concurrent with the funding application. The prior funding for the design is intended to be used as pre-agreement eligible match for this proposal.

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.

WRIA 11, Skookum Creek, main stem and floodplain and off-channel.

#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.

Per the WRIA 14 Freshwater Strategy document, titled "Salmon Habitat Protection and Restoration Plan for Water Resource Inventory Area 14, Kennedy-Goldsborough", Skookum Creek is a Tier A Stream (page 16), the highest level of priority for restoration.

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

Yes

#3a: How does this project fit into the sequencing of the larger project?

This project is a discrete, stand-alone project that can be completed at any time. Since the property is already owned by the Tribe and has had some design work completed, moving to the restoration stage is warranted. While the restoration at this site will compliment the larger watershed restoration projects, it also represents a scaled portion of those efforts that can move ahead independently.

#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

Reach is not a navigable water, however the DNR will be consulted

Project Application Report - 20-1090

Property Details

Property: Stewart (Worksite #1: Skookum RM 6.5)

✓ Restoration

LANDOWNER

Name Squaxin Island Tribe
Address 10 SE Squaxin Ln
City Shelton
State WA Zip 98584
Type Tribal

CONTROL & TENURE

Instrument Type Landowner Agreement
Timing Proposed
Term Length Fixed # of years
Yrs 10
Expiration Date 10/31/2030
Note

Exact Agreement dates TBD.

Project Proposal

Project Description

This stream and riparian restoration project includes main-stem, riparian, and off-channel treatments along a ~400 foot reach of Skookum Creek at River Mile (RM) 6.5. While gravel abundance is high within the project reach, there are very few wood pieces that provide gravel retention, pool-formation, and other functions. Wood key pieces and wood clusters will be installed to benefit in-stream processes. Portions of the riparian zone are lacking in conifers and native tree cover, instead shrouded by blackberry and other non-native vegetation. This project includes a riparian weed control and planting plan. A network of groundwater channels on the right-bank of the downstream side of Skookum Creek are known to be used by rearing juvenile salmonids however the condition of this off-channel area has been semi-degraded by reed canary grass, lack of native riparian structure, and a lack of floodplain roughness. We propose to remove reed canary grass sod and to place large wood pieces in strategic locations in the floodplain to provide roughness to maintain the groundwater channels. Additional riparian work will include removing blackberry and reed canary grass thickets and planting native trees and shrubs in the floodplain. The collective project treatments will benefit the egg, juvenile, and adult life stages for coho and chum salmon, and cutthroat trout.

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.

Per the WRIA 14 Limiting Factors Analysis (Kuttel 2002), Skookum Creek has the following attributes listed as "Poor Condition":

Riparian Canopy Closure, Streambank Condition, Floodplain Connectivity, LWD Key Pieces, Pool Quality, Riparian Canopy Closure.

During the design-phase site assessments we noted the obvious lack of wood and pool forming factors, high gravel mobility due to lack of roughness, channel incision (in some places), and degraded riparian condition.

This project will improve the above listed factors and will provide the following ecological functions to salmonids: rearing habitat for juveniles, improved prey resources and wood/organic recruitment (riparian), improved pool habitat, possible improved spawning habitat (gravel retention), and key habitat diversity, within a ½ acre off-channel area and 500 feet of creek channel.

Project Application Report - 20-1090

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

The egg and fry life stages for coho/chum/steelhead are vulnerable to flood episodes and scour that affect these stages. The project will address this limitation by adding complexity (wood) to provide hydraulic refuge, reduce flood impacts, and to sort and retain gravel. Juveniles of coho and steelhead are likewise limited by poor quality pools and a lack of pools. Adult stages of all species are likewise limited by poor quality resulting from a lack of roughness and lack of pools and by a lack of gravel stability, which will be improved by adding pools and pool forming processes (wood and complexity). Improving riparian condition via the removal of invasive vegetation, and increasing the number of trees as well as the percentage of late-seral species, will help to ensure long-term wood recruitment to maintain the target processes and habitats.

Skookum Creek is generally lacking off-channel and side-channel habitat, as a result of channel incising and manipulations from large scale agriculture and other land uses. This project site does have some off-channel habitats in the downstream groundwater channels, however these channels are degraded and are not well defined. The project aims to improve the groundwater channels by removing grass sod and by placing single logs that will help to maintain the channels' shape and depth.

#3: (all)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**

Goals:

1. Increase habitat diversity and complexity. Desired future condition: More edge habitat in main channel, more refugia and cover, less homogeneous sections of main stem, more and/or better off-channel rearing habitat.
2. Increase the quantity of wood in the project reach. Desired future condition: More key pieces and more overall pieces.
3. Increase the quantity of and quality of pools. Desired future condition: More pools per lineal distance; more pools maintained by wood; more cover in pools.
4. Improved riparian condition. Desired future condition: Reduced cover of non-native vegetation; increased native vegetation cover; increased cover of late-seral species such as native conifers

#4: (all)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:

1. Install up to 100 key pieces of wood, and up to 130 single logs, within the project area over a three year period.
2. Treat and reduce invasive vegetation within a 2 acre area over a three year period.
3. Plant native trees and shrubs within sections of a 2 acre floodplain area over a three year period.

Project Application Report - 20-1090

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

Task 1. Prepare Final Design. This task will largely be completed prior to grant award and utilizing matching funds. After receiving comments from the technical review panel, the Final Design will be completed by Waterfall Engineering. This task will include a property and elevation survey, planting plan, design report, and complete engineering design set.

Task 2. Site preparation and treatment of invasive species. During the first year SPSSEG will contract with a contractor to conduct treatment and removal of blackberry from the floodplain. Some chemical treatment of reed canary grass may also be achieved in this time. The treatment and maintenance to fully reduce cover of blackberry, canary grass, and other non-natives will be on-going throughout the project timeline.

Task 3. Cultural Resource Assessment. SPSSEG will contract to have a consultant complete the assessment, which will include background research and queries, and a full site survey. A report will be completed that documents the potential for cultural resources on the site.

Task 4. Permits. SPSSEG will apply for all applicable permits and guide the permit process to completion and the issuance of permits.

Task 6. Bid Announcement and Bid Selection. SPSSEG will advertise the bid announcement with the release of a public announcement. The lowest qualified bidder will be selected and awarded bid (assuming all bid criteria are met)

Task 7. Construction will be completed by the selected contractor.

Task 8. Planting. SPSSEG will contract to have select plantings of native species installed.

Task 9. Project Management and Grant Management. SPSSEG will conduct these tasks.

#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?

The immediate project area is owned by the Tribe and so long-term access is not an issue. Access to the adjacent properties on the downstream side would enhance some project elements, although this is not a requirement for success. We will seek to engage these other landowners but at this time access to those sites will be unknown. Adjustments in wood quantity and placement may occur as a result of final flood modelling. Access limitations due to dense vegetation and impacts from wildlife browse may be challenging for establishing native vegetation. Full matching funds are not available yet, however we do have over half of the required match, which will be put towards the final design. Future sources for the match balance are not identified, although the amount of remaining need is relatively low.

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

The design/engineering firm (Waterfall Engineering), SPSSEG, and the Squaxin Tribe have many years of combined experience in Skookum Creek and nearby systems. We will utilize techniques that have been successful and will incorporate lessons learned from other projects.

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

The original focal area for this project was targeted towards the groundwater channels at the downstream end. The initial concept was to enhance the channels that are known to be used by rearing juveniles. After the initial site assessments it became clear that an expanded scope of treatment would be appropriate for this site. The addition of large wood in the main channel and an expanded riparian area were added to the project concept. The current approach treats main channel, off-channel, and floodplain habitat throughout the project reach.

Project Application Report - 20-1090

#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 Squaxin Island Tribe is the primary stakeholder, as they are not only the landowner but also the leading proponent of salmon recovery in the watershed. Tribal biologists originally identified this property as a great restoration opportunity and have invested time and funding in advancing restoration concepts for the site.

#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?

With the current conditions, the stream within the project areas is not resilient to climate change as compared with a more in-tact and functioning condition. Current conditions include a major lack of wood and complexity, lack of cover, susceptibility to flooding and scour, and lack of native riparian trees leading to low wood recruitment and shade. The project will seek to add climate resiliency by lessening the effects of flooding and scour, by adding roughness, gravel retention/sorting, promoting sustained pool formation via wood, increasing rearing and holding habitat, maintaining off-channel spring channels, and increasing riparian health.

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

The project aims to increase in-stream habitat including pool-riffle complexes, retained spawning habitat (resilient to floods), more complexity and wood, and improved rearing and spawning habitat. Generally, by improving both short-term habitat and long-term processes, and habitat complexity, adaptability will be improved.

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

SPSSEG has nearly 30 years of experience developing and managing salmon habitat projects. We have managed a number of projects in WRIA 14 of various scales and sizes, including prior projects in Skookum Creek and similar projects in nearby systems.

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

No

Project Application Report - 20-1090

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?
Final

#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 project a Road Maintenance and Abandonment Plan (RMAP) project?
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.

All equipment coming to the site will be required to be cleaned and inspected prior to each movement. Imported materials will be sourced from non-contaminated locations.

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

As the property owner, the Squaxin Island Tribe is dedicated to conserving and maintaining the creek corridor and floodplain. While no formal Stewardship Plan is in place, it is likely that the Tribe and other partners, including SPSSEG, will seek and acquire funding to conduct maintenance and riparian improvements and will implement such actions.

Restoration Metrics

Project Application Report - 20-1090

Worksite: Skookum RM 6.5 (#1)

Miles of Stream and/or Shoreline Treated or Protected (C.0.b)	0.15
Project Identified In a Plan or Watershed Assessment (C.0.c)	WRIA 14 Lead Entity, 2020, Four-year workplan.
Priority in Recovery Plan	Addresses limiting factors in a Tier A Stream.
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)	0.10
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Channel structure placement (C.4.d.1)

Total cost for Channel structure placement	\$171,000
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Material Used For Channel Structure (C.4.d.2)	Individual Logs (Anchored) Individual Logs (Unanchored)
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Miles of Stream Treated for channel structure placement (C.4.d.3)	0.15
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Pools Created through channel structure placement (C.4.d.5)	2
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Number of structures placed in channel (C.4.d.7)	50
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RIPARIAN HABITAT PROJECT

Total Riparian Miles Streambank Treated (C.5.b.1)	0.05
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Total Riparian Acres Treated (C.5.b.2)	0.5
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Planting (C.5.c.1)

Total cost for Planting	\$30,000
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Species Of Plants planted in riparian (C.5.c.2)	Thuja plicata Tsuga heterophylla Populus balsimifera Physocarpus capitatus
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Acres Planted in riparian (C.5.c.3)	0.5
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Miles of streambank planted (C.5.c.4)	0.10
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Average Riparian Width	50
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Riparian Plant removal / control (C.5.h.1)

Total cost for Plant removal / control	\$42,000
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Species of Plants Treated/Removed in riparian (C.5.h.2)	Himalayan blackberry Reed canary grass Note: Includes removing reed canary sod and roots within groundwater channels and continued treatment of invasives for duration of grant period.
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Acres of riparian treated for plant removal/control (C.5.h.3)	0.5
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Miles of streambank treated for plant removal/control (C.5.h.4)	0.05
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CULTURAL RESOURCES

Cultural resources

Total cost for Cultural resources	\$10,000
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Acres surveyed for cultural resources	2.00
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PERMITS

Obtain permits

Total cost to Obtain permits	\$10,000
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Number of permits required for implementation of project	2
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ARCHITECTURAL & ENGINEERING

Architectural & Engineering (A&E)

Total cost for Architectural & Engineering (A&E)	\$50,000
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Project Application Report - 20-1090

Overall Project Metrics

COMPLETION DATE

Projected date of completion	12/31/2023
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SPONSOR MATCH: MONETARY FUNDING

Amount of other monetary funding (A.12)	\$46,950
Source of other monetary funding (A.12.a)	Squaxin Island Tribe - \$25,000 Pending source - \$21,950
Timing of other monetary funding	Partial match is secure now and will be used as pre-agreement costs for designs. The additional match is pending.

SPONSOR MATCH: DONATED UN-PAID LABOR (VOLUNTEERS)

Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)	\$0
Source of Donated Un-paid labor contributions (A.13.a.4)	0

SPONSOR MATCH: DONATED PAID LABOR

Value of Donated Paid Labor (A.13.b.1)	\$0
Source of Donated Paid Contributions (A.13.b.2)	0

SPONSOR MATCH: OTHER IN-KIND CONTRIBUTIONS

Value of Other In-Kind Contributions (A.13.c.1)	\$0
Source of Other In-Kind Contributions (A.13.c.3)	0
Description of other In-Kind contributions (A.13.c.2)	0

Metric Match Total \$46,950

Restoration Cost Estimates

Worksite #1: Skookum RM 6.5

Category	Work Type	Estimated Cost	Note
Cultural Resources	Cultural resources	\$10,000	
Instream Habitat Project	Channel structure placement (C.4.d.1)	\$171,000	
Permits	Obtain permits	\$10,000	
Riparian Habitat Project	Planting (C.5.c.1)	\$30,000	
	Riparian Plant removal / control (C.5.h.1)	\$42,000	
	Subtotal:	\$263,000	
Admin, Architecture, and Engineering		\$50,000	
	Total Estimate For Worksite:	\$313,000	

Summary

Total Estimated Costs Without AA&E:	\$263,000
Total Estimated AA&E:	\$50,000
Total Estimated Restoration Costs:	\$313,000

Project Application Report - 20-1090

Cost Summary

	Estimated Cost	Project %	Admin/AA&E %
<u>Restoration Costs</u>			
Restoration	\$263,000		
Admin, Architecture, and Engineering	\$50,000		19.01 %
SUBTOTAL	\$313,000	100.00 %	
Total Cost Estimate	\$313,000	100.00 %	

Funding Request and Match

FUNDING PROGRAM

Salmon State Projects	\$266,050	85.00 %
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SPONSOR MATCH

Category	Amount	Project %
Grant - Private	\$46,950	
Match Total:	\$46,950	15.00 %
Total Funding Request:	\$313,000	100.00 %

Questions

#1: Explain how you determined the cost estimates

The Cost Estimate was based on the Engineer's estimate and other estimates from similar projects.

Project Application Report - 20-1090

Cultural Resources

Worksite #1: Skookum RM 6.5

#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)

Restoration (construction) to include: Excavation, digging, planting, wood placement.

#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.

Excavation and digging will occur in patchy locations throughout the 500-foot reach to depths reaching four feet. Brush removal and planting will within a 2 acre area in the floodplain and will disturb soil to depths of 18 inches. Staging of equipment may occur in various locations throughout the site; access road for equipment will be placed in upland and floodplain areas throughout the project.

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

None at this time.

#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).

The property has a house and buildings located on the upper terrace away from the stream; areas around the house and buildings include fields/pasture. The project area is within the floodplain and stream, which is undeveloped (no structures) however there are signs of past uses including ground disturbance, agriculture and vehicle paths. Historically, the site was within the usual and accustomed area of tribal peoples and the site is currently owned by the Squaxin Island Tribe.

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

Yes

#5a: List the agency that will be issuing the permit and the date you anticipate applying for and receiving the permit. Will the federal permit cover ALL proposed ground disturbing activities included in the project?

Section 106 and Section 404 - Army Corps. This will cover all ground disturbing activities as far as we can tell at this time.

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

Unknown

Unknown sources of future match.

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

Unknown

Unknown

#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.

Unknown

House is unknown age

Project Application Report - 20-1090

Project Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
Cultural Assessment [Section 106]	DAHP				
Dredge/Fill Permit [Section 10/404 or 404]	Army Corps of Eng.				
Hydraulics Project Approval [HPA]	Dept of Fish & Wildlife				

Permit Questions

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

Project Application Report - 20-1090

Attachments

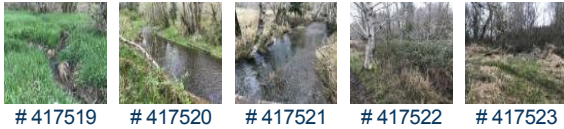
Required Attachments

7 out of 7 done

Applicant Resolution/Authorizations	✓
Cost Estimate	✓
Landowner acknowledgement form	✓
Map: Area of Potential Effect (APE)	✓
Map: Restoration Worksite	✓
Photo	✓
RCO Fiscal Data Collection Sheet	✓

PHOTOS (JPG, GIF)

Photos (JPG, GIF)



PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	06/24/2020	Cost Estimate	Stewart RM 6.5 Budget_06242020.xlsx	BrianC	Stewart RM 6.5 Budget_06242020.xlsx, 435558	✓
	06/24/2020	Map: Area of Potential Effect (APE)	Skookum_RM_6.5 APE.jpg	BrianC	Skookum_RM_6.5 APE.jpg, 435527	✓
	06/24/2020	Design document	Skookum Watershed Summit Summary SPSSEG version (2020-06-17)	BrianC	Skookum Watershed Summit Summary SPSSEG version (2020-06-17).pdf, 435505	✓
	06/24/2020	Design document	Preliminary Design Skookum RM 6.5 Trib - 062420.pdf	BrianC	Preliminary Design Skookum RM 6.5 Trib - 062420.pdf, 435504	✓
	06/24/2020	Preliminary design report	Preliminary Design Report 062420.pdf	BrianC	Preliminary Design Report 062420.pdf, 435503	✓
	06/16/2020	Design document	Skookum Creek - Watershed Plan Base Map - 071118 (3).pdf	BrianC	Skookum Creek - Restoration Plan Base Map - 071118 (3).pdf, 434379	✓
	06/16/2020	Visuals	FLIR_aerial_skookum_goldsborough_final	BrianC	FLIR_aerial_skookum_goldsborough_f... 434368	✓
	06/16/2020	Map: Restoration Worksite	Chum Index Escapement.JPG	BrianC	Chum Index Escapement.jpg, 434352	✓
	04/09/2020	Application Review Report	Application Review Report, 20-1090R(rtnd 04/09/20 09:00:34)	JoshL	Project Application Report - 20-1090 (rtnd 04-09-2020_09-00-34).pdf, 420730	✓
	02/28/2020	Map: Restoration Worksite	Overview_Project_Map.jpg	BrianC	Overview_Project_Map.jpg, 417650	✓
	02/27/2020	Photo	IMG_2130.JPG	BrianC	IMG_2130.jpg, 417523	✓
	02/27/2020	Photo	IMG_2107.JPG	BrianC	IMG_2107.jpg, 417522	✓
	02/27/2020	Photo	IMG_2090.JPG	BrianC	IMG_2090.jpg, 417521	✓
	02/27/2020	Photo	IMG_8953.JPG	BrianC	IMG_8953.jpg, 417520	✓
	02/27/2020	Photo	IMG_8945.JPG	BrianC	IMG_8945.jpg, 417519	✓
	02/27/2020	Applicant Resolution/Authorizations	SPSSEG RCO Resolution.pdf	BrianC	SPSSEG RCO Resloution.pdf, 417518	✓
	02/27/2020	RCO Fiscal Data Collection Sheet	FiscalDataCollectionSheet_SPSSEG2020	BrianC	FiscalDataCollectionSheet_SPSSEG2... 417517	✓
	02/27/2020	Landowner acknowledgement form	LOA_Squaxin.pdf	BrianC	LOA_Squaxin.pdf, 417515	✓

Application Status

Project Application Report - 20-1090

Application Due Date: 06/29/2020

Status Name	Status Date	Submitted By	Submission Notes
Application Resubmitted	06/24/2020	Brian Combs	<p>Brian, I am returning your application because the review panel needs more information (NMI). See a follow up email with a link to the online review comment form. Please be sure to look for my comments, too, at the top right of each page, signified by a red or other color icon. If that icon is not present, I do not have comments for that page. Please respond to the Review Panel's comments and my comments with corrections as needed. Let me know if you have questions.</p>
Application Returned	04/09/2020	Josh Lambert	
Application Submitted	02/28/2020	Brian Combs	
Preapplication	01/15/2020		

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. (Brian Combs, 06/24/2020)

Date of last change: 06/24/2020

Change Log

Expand All  41 rows

Date/Time	Person	Action	Page	Field Label	Identifying Data
06/24/20 4:31:14 pm	Brian Combs	Updated	Attachments	Attachment Type	Attachment #435503
06/24/20 4:29:52 pm	Brian Combs	Deleted	Attachments	Attachment	#417513, Cost Estimate, Stewart RM 6.5 cost estimate.xlsx
06/24/20 4:29:52 pm	Brian Combs	Added	Attachments	Attachment	#435558, Cost Estimate, Stewart RM 6.5 Budget_06242020.xlsx
06/24/20 3:44:11 pm	Brian Combs	Updated	Attachments	Attachment Title	Attachment #417518
06/24/20 3:44:11 pm	Brian Combs	Deleted	Attachments	Attachment	#417651, Map: Area of Potential Effect (APE), Skookum_RM6.5_APE.jpg
06/24/20 3:44:11 pm	Brian Combs	Added	Attachments	Attachment	#435527, Map: Area of Potential Effect (APE), Skookum_RM_6.5 APE.jpg
06/24/20 2:52:46 pm	Brian Combs	Added	Attachments	Attachment	#435505, Design document, Skookum Watershed Summit Summary SPSSEG version (2020-06-17)
06/24/20 2:46:53 pm	Brian Combs	Deleted	Attachments	Attachment	#417733, Design document, Skookum Creek RM 6.5 Restoration - Preliminary - 021220 (2).
06/24/20 2:46:53 pm	Brian Combs	Added	Attachments	Attachment	#435504, Design document, Preliminary Design Skookum RM 6.5 Trib - 062420.pdf
06/24/20 2:45:57 pm	Brian Combs	Added	Attachments	Attachment	#435503, Design document, Preliminary Design Report 062420.pdf
06/16/20 2:56:41 pm	Brian Combs	Updated	Attachments	Attachment Title	Attachment #434379
06/16/20 2:52:02 pm	Brian Combs	Added	Attachments	Attachment	#434379, Design document, Skookum Creek - Restoration Plan Base Map - 071118 (3).pdf
06/16/20 2:00:38 pm	Brian Combs	Added	Attachments	Attachment	#434368, Visuals, FLIR_aerial_skookum_goldsborough_finaldraft.pdf
06/16/20 12:34:58 pm	Brian Combs	Added	Attachments	Attachment	#434352, Map: Restoration Worksite, Chum Index Escapement.JPG
06/16/20 11:20:02 am	Brian Combs	Updated	Overall Project Metrics	Metric Answer	Project Metric: Source of other monetary funding (A.12.a)
06/16/20 11:20:02 am	Brian Combs	Updated	Overall Project Metrics	Metric Answer	Project Metric: Amount of other monetary funding (A.12)
06/16/20 11:19:10 am	Brian Combs	Updated	Cost Summary	Sponsor Match Amount	Grant - Private
06/16/20 11:19:10 am	Brian Combs	Updated	Cost Summary	Funding Request and Match	Sponsor Match (Requested Funding Formula)
06/16/20 11:19:10 am	Brian Combs	Updated	Cost Summary	Funding Request and Match	Salmon State Projects (Requested Funding Formula)

Project Application Report - 20-1090

Expand All ▼ 41 rows

Expand All ▼ 41 rows

Date/Time	Person	Action	Page	Field Label	Identifying Data
06/16/20 11:17:42 am	Brian Combs	Updated	Development Cost Estimates	Estimated A&E Amount	1
06/16/20 11:17:42 am	Brian Combs	Updated	Restoration Metrics	Metric Answer	Worksite Metric: Total cost for Architectural & Engineering (A&E), Worksite: Skookum RM 6.5
06/16/20 11:16:31 am	Multiple	Updated	Development Metrics	Metric Note	Worksite Metric: Species of Plants Treated/Removed in riparian (C.5.h.2), Worksite: Skookum RM 6.5
06/16/20 11:16:31 am	Multiple	Updated	Development Metrics	Project Metric Note	Worksite Metric: Species of Plants Treated/Removed in riparian (C.5.h.2), Worksite: Skookum RM 6.5
06/16/20 11:16:31 am	Multiple	Updated	Development Metrics	Property Metric Note	Worksite Metric: Species of Plants Treated/Removed in riparian (C.5.h.2), Worksite: Skookum RM 6.5
06/16/20 11:16:31 am	Multiple	Updated	Development Metrics	Worksite Metric Note	Worksite Metric: Species of Plants Treated/Removed in riparian (C.5.h.2), Worksite: Skookum RM 6.5
06/16/20 11:16:31 am	Brian Combs	Updated	Restoration Metrics	Metric Answer	Worksite Metric: Total cost for Plant removal / control, Worksite: Skookum RM 6.5
06/16/20 11:16:31 am	Brian Combs	Updated	Restoration Metrics	Metric Answer	Worksite Metric: Total cost for Channel structure placement, Worksite: Skookum RM 6.5
06/16/20 11:06:54 am	Brian Combs	Updated	Restoration Metrics	Metric Answer	Worksite Metric: Total cost for Cultural resources, Worksite: Skookum RM 6.5
04/09/20 8:55:14 am	Josh Lambert	Updated	(derive)	Metric Answer	Worksite Metric: Miles of Stream and/or Shoreline Treated or Protected (C.0.b), Worksite: Skookum RM 6.5
02/28/20 9:57:12 am	Brian Combs	Updated	(derive)	Worksite Question	
02/28/20 9:54:28 am	Brian Combs	Updated	(derive)	Worksite Question	
02/28/20 9:54:28 am	Brian Combs	Updated	(derive)	Worksite Question	
02/28/20 9:50:05 am	Brian Combs	Updated	(derive)	Metric Answer	Worksite Metric: Total Miles Of Instream Habitat Treated (C.4.b), Worksite: Skookum RM 6.5
02/28/20 9:50:05 am	Brian Combs	Updated	(derive)	Metric Answer	Worksite Metric: Miles of Stream and/or Shoreline Treated or Protected (C.0.b), Worksite: Skookum RM 6.5
02/28/20 9:44:19 am	Brian Combs	Updated	(derive)	Project Question	
02/28/20 9:44:19 am	Brian Combs	Updated	(derive)	Project Question	
02/28/20 9:44:19 am	Brian Combs	Updated	(derive)	Project Question	
02/28/20 9:44:18 am	Brian Combs	Updated	(derive)	Project Question	
02/28/20 9:36:57 am	Multiple	Updated	Project Proposal	Project Description	
02/28/20 9:35:43 am	Brian Combs	Updated	(derive)	Project Question	
02/28/20 9:32:32 am	Brian Combs	Updated	(derive)	Metric Answer	Worksite Metric: Total cost for Architectural & Engineering (A&E), Worksite: Skookum RM 6.5