FFFPP Funded Project Workshop

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Caller Alle

Taylor Timber Barrier Correction

Workshop Agenda



Curley, Tributary to East Fork Satsop River

- Program Overview
- Project Timeline
- Living up to Expectations
- Meeting Project Deliverables
- Project Eligibility
- Restoration Permitting Requirements
- Seeking Technical Assistance/Resources

Partnering Agencies:

- Washington Department of Fish and Wildlife
- Washington Department of Natural Resources
- Washington Recreation and Conservation Office



Norby, Purdy Creek

Project Timeline - FFFPP Start to Finish

2	Application Deadline /High Priority List	Projects Funded (Approved by Stg Comm)	Funded Letters Sent	CAF work orders sent	Landowner Acknowledgement	CAFs/Site Survey	FPT to choose correction option from CAFs	Site visit - FPF, HB, Engineer, sponsor, FPT, LO	Final Cost Estimate & Design	Complete PRISM Application	RCO/Sponsor Agreement	Cultural Resources	Apply for FPHP/HPA Permits	Design Review	Sponsor/ Landowner A greement	Bids Solicited / Construction Contract	Noti fy FPF, HB, FPT of design changes/ Start Date	Construction	Post Construction Inspections
Ideal	30-Jun	July	July	August	August	Sept	Sept-Oct	Sept-Oct	Oct-Nov	Oct	Oct-Nov	Nov	Dec-Jan	Jan-Feb	Jan-May	Feb-Mar	Apr-May	June 15- Sept 30	Oct-Dec
Sponsors recommends				-				•											
	Landowner (LO)	Fish Passage Team (FPT)	Dave Caudill	Laura Till	Sponsor/ LO	Engineer	FPT	Sponsor to schedule, facilitate	Engineer / Sponsor	Sponsor	Dave Caudill	Dave Caudill	Sponsor	FPF/HB, others if requested	Sponsor	Sponsor / Enginee	Sponsor / Engineer	Sponsor / Engineer	FPT/ Sponsor

Fish Passage Team (FPT)	
Sponsor/ Engineer	
FPT/ Sponsor	
FPF - Forest Practice Forester - DNR	
HB - Habitat Biologist - DFW	
LO - Landowner	
CAF - Correction Analysis Form	
FPHP - Forest Practice Hydraulic Per	mit
HPA - Hydraulic Project Approval	

What is the Deadline for Landowner Applications?

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

2017 Funded Project List

				R14 Funded FFF	PP Projects for 201	7															
10 Be constructed in Veer	Projects	WRIA	Prism Proj. #	Landowner	Stream/ (River System)	County	Legal	# of Sites	Passability	Miles Opened (Type F)	Rank	Sponsor (Blue - sponsor on board)	Engineer	Correctio n	LO Cost Share	Permit required:	BFW from BEF	Fill from BEF	Utilities	Temporary	chum, CK-chinook, CO-coho, PK-pink, SO-sockeye, SH- steelhead, SCT- searun cutts, RCT-
				Dhar lange	High Cr; Kendall Cr; NF		T40 D55 000 NH4					NSEA - Darrell				HPA - Joel					PK/CH/CO/SH/SCT/D
2017	1	1	<u>15-1518</u>	Phy, James	Nooksack R Panhandle Lk outlet: SF	Whatcom	T40 R5E S36 NW	1	33	3.11	17.11	Gray SPSSEG- Brian	Hamer	Replace	No	Ingram FPHP - Kris	17'	10'	Ν	N	В
2017	1	14	06-1785	Panhandle 4H	Goldsborough Cr	Mason	T20 R5W S36	1	0	2.26	16.26	Combs	Powers	Replace	No	Knutsen	9'	8'	N	N	CO/SH/SCT
			<u>14-1231</u>	Vedin, Deborah	Kabelac Cr; Sinclair Inlet	Kitsap	T24 R1E S33 SW	1	0			Kitsap CD - Carin Anderson	Kidder	Replace	No	If HPA- Brittany Gordon	8'	10'	N	?	CO/SH/SCT
2017	1	17		Fisk, Orville & Barbara - B - bridge/culvert	Donovan Cr; Quilcene Bay	Jefferson	T27 R1W S7 SW	1	67	1.74	15.74	Jefferson CD -	1011-	Replace		HPA - Margie	11.5'	2'	N	Y	CO/SH/SCT
2017	,	17		Fisk, Orville & Barbara - A - culvert	Rice Lake Outlet; Donovan Cr; Quilcene Bay	Jefferson	T27 R1W S7 SW	1	33	0.91		Jerry Clarke	Kidder	Replace	No	Bigelow	8'	3'	N	Y	CO/SH/SCT
2017	1	22	<u>16-1267</u>	Farrar, Loius	Powers Cr; Cloquallum Cr	Grays Harbor	T18 R5W S5 NW	1	33	3.58	16.58	CBFTF	Becker/ Crumley	Replace	No	HPA - Amy Spoon	10'	8.5'	N	N	CO/SH/SCT
2017	1	22	15-1502	- A	Ping Pong Cr (Dry Run); EF Satsop R; Lower Chehalis R	Mason	T19 R6W S24 NE	1	33	2.72	15.72	Mason CD	TBD	Replace	\$5,000		8.5'	4'	N	N	CO/SCT
2017	1	24	<u>15-1584</u>	Matysik - SF Willapa Trib	Trib to SF Willapa R	Pacific	T13 R8W S8 SW	1	0	0.93	16.93	Pacific CD - Mike Nordin	Becker/ Crumley	Replace	No	FPHP - Bruce Hazen	9'	8'	N	N	CO mapped, SH, SCT likely, CH, CK in
2017	1	27	<u>06-1027</u>	VanBreemen, Virginia	Trib to EF Lewis; Lower Columbia R	Clark	T4 R1E S12 SE	1	0	3.10	17.21	Clark CD - Denise Smee	Powers	???	No	FPHP - Scott Hancock	na	30'	N	N	CO/SH
2017	1	28	<u>16-1822</u>	Mahar, James	Trib to Cougar Cr; Washougal R	Clark	T2 R4E S24 NW	1	67	0.23	14.23	Clark CD - Denise Smee	Powers	Abandon Rd	No	FPHP - Scott Hancock	17'	3'	N	N	ст
2017	1	45	<u>16-2198</u>	Gombotz, Wayne & Jan	Eagle Cr; Chumstick Cr; Wenatchee R	Chelan	T25 R18E S27 NW	1	33	12.6	24.6	Chelan Co Natural Resources.	Tappel	Replace	No	HPA-Amanda Barg	19'	7'	U	U	CK/SH/RB/EB
2017	1	45			Derby Cr; Wenatchee R; Mid Columbia	Chelan	T24 R18E S10 NW	2	33/6 7	9.14	18.06	CCFEG -Sean Koester	Tappel	Replace	No	FPHP - Eric Keller	8'	10';5'	Y	N	RB/SH
2017	1	55	15-1605	Binder, Greg & Debra	Deer Cr; Little Spokane R; Upper Columbia R	Spokane	T28 R44E S17 SE	1	67	####		Spokane CD - Dan Ross	Jensen	Replace	No	FPHP - Eric Keller	12'	7.5'	Y	?	RB
2017	1	59	14-1142	Wulf, Michael	Gold Cr; Colville R; Upper Columbia R.	Stevens	T35 R38E S11 SW	1	0	0	12.07	Stevens CD - Dean Hellie	Jensen	Replace	No	FPHP - Bob Hines	12'	6'	N	?	RB/EB, no DB

Landowner Funded Letters are Sent to Landowners and Sponsors

August 3, 2016

Michael Matysik 20404-88th Ave West Edmonds, WA 98026

Mr. Matysik,

I am pleased to inform you that the fish passage project you Fish Passage Program has been selected for funding.

The summary information we have on your project(s) is as for

Project: #15-1584, Matysik - Tri Stream: Unnamed Tributary to S Number of fish barriers to be removed or replaced: 1

Now that we have selected your project for funding, here is w

1. Project Sponsor. While you can be your own project s work with a local group, such as a conservation district or a group, which has experience implementing fish passage pro aspects of the project, including engineering, acquiring perm and administering the project agreement with the Salmon Re administrative arm, the Recreation and Conservation Office.

The Pacific Conservation District has volunteered to sponso recognized for its good work restoring fish habitat. The conta

> Pacific Conservation District Brandon Carman PO Box 336 South Bend, WA 98586-0968 (360) 249-5900

The Pacific Conservation District will contact you shortly to discuss your project. If you choose to use them as your sponsor, we require a Landowner/Sponsor Acknowledgement Form to be signed by both parties. I have enclosed a copy of this form. The sponsor will work with you to complete this form and will ask you to sign an additional landowner agreement that outlines your responsibilities and those of the sponsor.

2. Project Start. After contacting you, your sponsor will visit the project site and then begin the engineering process, complete and submit the permits, and line up a contractor who can remove the barrier and install a new fish passage structure. Generally, contractors can work in streams only from June 15 to September 30. Once work has started, it must be completed by September 30. Your project sponsor will notify you when construction is to begin and make a plan for your access to your property during construction if necessary.

3. Matching Contribution. If harvest of timber has occurred during the three calendar years prior to funding, you are required to provide a matching contribution for this project. If match is required, it can be in the form of cash or services, such as labor, materials, or equipment time. Details about that contribution will be in your project agreement.

Our records indicate you need to provide \$0.00 in a matching contribution.

If you have any questions about the Family Forest Fish Passage Program or how your project will be addressed, please feel free to call me at (360) 902-2649, Telephone Device for the Deaf (360) 902-1996, or e-mail me at Dave.Caudill@rco.wa.gov.

Sincerely,

David Caudill Recreation and Conservation Office Grant Manager

Enclosure (1) Landowner/Sponsor Acknowledgement Form CC: Pacific Conservation District

Work Orders Sent to Project Engineers

Family	Forest Fish Pase	sade P	rogram	Engine	erina Wa	ork Order		
		<u> </u>	rder Requ		oning the			
Project Name: Fisk - Donovan				RFB Project #	± 15-1470			
Date Requested: 08/06/2016	Date Due: 09/06/20	16	Work Order Accepted By: Jay					
Bato Hoquestea. Borborzo ro		_	ntact Inforr		a by: cuj			
Changer Jefferson CD Jarny		-	: (360) 385-		Emoil: inla	rko@iofforaon	ad org	
Sponsor: Jefferson CD - Jerry Landowner: Orville & Barbara I			, <u> </u>	22 Center R	-	irke@jeffersond	calorg	
City: Quilcene	State: WA	Zip: 98		ZZ Center N		Phone: (360) 76	5-3740	
Cell: ()		mail:				1 110110. (0000) 10	0 01 10	
Landowner Agent: None		Phone:	:()		C	ell: ()		
Comments: From Quilcene go					1.5 miles t	o 13722 Center	Road on your left	
(neighbors address). The Fisl	k driveway is opposite	on right	t. Locked g	gate.				
	Engine	ering Co	onsultant Ir	nformation				
Engineer Name: Jay Kidder		Aff	filiation: Ch	inook Engin	eering			
Mailing Address: 860 Windrose	Dr.	Cit	ty: Coupev	ille	State: W/	4	Zip: 98239	
Phone: 360-678-4747	Cell:	En	mail: jay@c	hinook-engi	ineering.co	m	•	
		Work to	be Perforn	ned				
Correction Analysis Form (C)	AF) 🛛 Culvert/Brid	lae Estim	nate	Scoping	Report	Preliminary	/ Design	
Final Design		-	Documents		, nopon		ion Supervision	
			Document	,			on oupervision	
Other (describe):								
The followi	ng additional Info is av	ailable i	n PRISM u	nder the pri	sm project	number above		
Site and habitat maps; Barrier E	valuation Form (BEF); p	hotos						
Site Comments: There are 2 c an old bridge on Donovan Cre need temporary access.								
General instructions describing and final design. Please take facilitate construction of this	measurements and do	any sur	vey and de					
Make initial contact with the s contacting sponsors and info					r. The Fish	ı Passage Tean	n will be	
Visit site with sponsor and the				-		•		
Complete the FFFPP Correction develop detailed cost estimate								
explain why.) The purpose of the CAF is to (describe the various of	orroction	n ontione d	ovolopod fr	om tho inti	al eito vieit prov	viding detailed	
cost estimates for each option								
Send the completed CAF and			•		'	II and Laurie Co	D X.	
The Fish Passage Team will n						00 00 10		
Questions? Contact Dave Caud RCO/SRFB Attn. Dave Caudill					ve at 360-9	02-2649		

Making Landowner Contact

Landowner Acknowledgement

Appendix F: Landowner Acknowledgement Form

Landowner Information

Name of Landowner: Landowner Contact Information: Mr. Ms. Title: First Name: Contact Mailing Address: Contact E-Mail Address: Property Address or Location: 1. (Landowner or Organization) is the legal owner of property described in this grant application.

- 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 represent authorization of project implementation.

Landowner Signature

Date

Project Sponsor Information

Project Name:	
Project Applicant Contact Information	:
🔲 Mr. 🔲 Ms. Title	
First Name:	Last Name:
Mailing Address:	
E-Mail Address:	

Manual 18, Salmon Recovery Grants . February 2016

Project Timeline - FFFPP Start to Finish

2	Application Deadline /High Priority List	Projects Funded (Approved by Stg Comm)	Funded Letters Sent	CAF work orders sent	Landowner Acknowledgement	CAFs/Site Survey	FPT to choose correction option from CAFs	Site visit - FPF, HB, Engineer, sponsor, FPT, LO	Final Cost Estimate & Design	Complete PRISM Application	RCO/Sponsor Agreement	Cultural Resources	Apply for FPHP/HPA Permits	Design Review	Sponsor/ Landowner Agreement	Bids Solicited / Constructior Contract	Notify FPF, HB, FPT of design changes/ Start Date	Construction	Post Construction Inspections
Ideal	30-Jun	July	July	August	August	Sept	Sept-Oct	Sept-Oct	Oct-Nov	Oct	Oct-Nov	Nov	Dec-Jan	Jan-Feb	Jan-May	Feb-Mar	Apr-May	June 15- Sept 30	Oct-Dec
Sponsors recommends																			
	Landowner	Fish Passage	Dave		Sponsor/			Sponsor to schedule,	Engineer /		Dave	Dave		FPF/HB, others if		Sponsor /	Sponsor /	Sponsor /	FPT/

Fish Passage Team (FPT)	
Sponsor/ Engineer	
FPT/ Sponsor	
FPF - Forest Practice Forester - DNR	
HB - Habitat Biologist - DFW	
LO - Landowner	
CAF - Correction Analysis Form	
FPHP - Forest Practice Hydraulic Per	mit
HPA - Hydraulic Project Approval	

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Site Survey/Completed CAF/Option Chosen

- Project Engineer provides one to three possible correction options with cost estimates
- The Fish Team chooses the preferred correction



Family	Family Forest Fish Passage Program: Correction Analysis Form										
	Site Informatio	on (measurements in feet)									
Project Name: 12-1927 McMa	ahon, Dubuque Creek	RCO/SRFB Project #: 12-19	27	Date: 1-23-14							
Bankfull Width (outside influence of culvert): 20ft Utilities Crossing: Xes INO Unknown											
Road Fill at Culvert Invert: 9ft Road Width: 12ft											
Road Description/condition (mainline, spur road, driveway/access): Driveway/access for 10+ private properties.											
Evaluator Information											
Evaluator Name: Cindy Dittbrenner and Lou Beck Affiliation: Snohomish CD (and King CD)											
Mailing Address: 528 91st Ave	e NE, Ste A	City: Lake Stevens	State	e: WA	Zip: 98258						
Phone: 425-335-5634 x113	FAX: 425-335-5024	Cell:	Ema	il: cindy@snohom	ishcd.org						
	Upstream Hab	itat/Channel Description									
Channel Slope (outside of cu	lvert influence): <1%	Regrade Potential (streamb	oed US	6 – streambed DS i	in feet): 3.3ft						
Dominant Substrate: 🔲 sand	(<1/5*) 🛛 gravel (1/5*-3*)	cobble (3*-12*) 🔲 boulde	r (>12*) 🔲 bedrock							
Additional upstream information, habitat description, other site conditions or concerns, including potential regrade impacts relative to channel stability and habitat. The floodplain clearly indicates a channel that is prone to re-alignment on short time-spans, as evidenced by multiple relic channels. Flood events are known to flow overbank and inundate the surrounding area. Even with a properly sized structure, this behavior is expected to continue for 50 and 100 year flood events. The system appears to be fairly balanced in terms of degradation/aggradation, as it is neither sediment starved, nor are there large sediment deposits. The eventual replacement of the upstream county culvert should not significantly affect the downstream channel gradient, at this site.											

Downstream Habitat/Channel Description

Channel Slope: <1% (outside of culvert influence)

Additional downstream information, habitat description, other site conditions or concerns: The downstream floodplain is more constrained by channel banks, however, it too is prone to channel re-location. Because of the road influence, there is less evidence of relic channels caused by the main channel flow. Flood events are known to flow overbank and inundate the surrounding area. The system appears to be fairly balanced in terms of sediment storage. It appears likely that there is more aggradation occurring downstream of the crossing, that is likely being transported downstream during larger flood events. There were no features encountered within the survey reach that would contribute to a re-grade potential beyond that listed above.

Correction Options and Preferred Alternative

Options to consider - Provide up to three site-appropriate correction alternatives.

Option 1: Bettemless Cuivert - 26' span 3-sided concrete box culvert on pre-cast spread footings

Option 2: Bridge – 50' concrete bridge on pre-cast footings with guardrails

Option 3: No Action

Preferred alternative - Provide a one or two paragraph recommendation for this site. Include any site-specific concerns that will need to be addressed during design and construction: **My preference would be for a box culvert at this site. Wayne Watne** (WDFW Habitat Biologist), during a site visit, noted his preference is for a bridge. Both options are practical and have similar costs. **My preference for a box culvert are for several reasons:** 1.1 feel the structure will have better long term scour protection, with the vertical concrete walls, that may be better able to deflect the stream, no matter the angle of attack it is

Onsite Pre-Design Meeting



Cost Estimate and Design

Family Forest Fish Passa Culvert Correction Cost I			R	evised 1/10/2013	3		
Project Name RCO Project # Date Estimate By	e: Johnson, Trib e: 12-1188 e: 2/26/09 r: Mason CD e: Unnamed	to Case		ım box culvert			
Description	Unit G	Quantity	Cost	Amount	Sub Tota		
Mobilization / Site Preparation Mobilize Access Bypass Erosion Control	L.S. L.S. L.S. L.S.	1 0 1	\$8,722.00 \$0.00 \$2,000.00 \$1,200.00	\$8,722 \$0 \$2,000 \$1,200		10% of construction total (\$87,215) No temporary access required silt fence, mulch for exposed slopes	
Dewater Fish Removal Utilities	L.S. L.S.	1 1 1	\$500.00 \$1,500.00 \$0.00	\$500 \$1,500 \$0		No utilities on site	
MOBILIZATION / SITE PREP SU	B TOTAL				\$13,922		
Excavation Excavation, Common Excavation, Channel Excavation Disposal Rmv. & Disp. Culvert	C.Y. C.Y. C.Y. L.S.	843 7 752 1	\$10.00 \$10.00 \$2.50 \$200.00	\$8,430 \$70 \$1,880 \$200		Disposal volume includes "fluff" factor for haul vol	
EXCAVATION SUB TOTAL					\$10,580		
Culvert Installation Bedding Streambed Gravel Riprap Culvert Culvert Assembly Install Culvert Backfill, Compaction Resurface	C.Y. C.Y. L.F. L.F. L.S. C.Y. C.Y.	35 113 60 50 50 1 271 11	\$25.00 \$35.00 \$1,050.00 \$37.00 \$1,000.00 \$10.00 \$25.00	\$875 \$3,955 \$1,800 \$52,500 \$1,850 \$1,000 \$2,710 \$275		Per Contech quote, 1-9-13	
CULVER	ΙΟΝ ΤΟΤΑ					\$95.937	
Channel Grade Co Subgrade Admin/Plann Permit fees Geotechnica Soils Lab Te	iing I Investigati		8.50	×		\$8,155 \$16,854 \$9,671	Enter % in highlighted cell Final design, permitting, bid development, layout, construction inspection Contract administration, vouchering JARPA
PROJECT TO	DTAL					\$132,767	\triangleright
Please emai	il completed	d form t	to Laura Till	, WDFW. tillle	et@dfw.w	a.gov Questions? Call Laura at 360-9	902-2352

Complete Project Application in PRISM Online

File Edit View Favorites Tool	s Help						
🟠 🔻 🔝 👻 🖃 🖶 👻 Page 🕶	Safety 🔻 Tools 👻 🔞 👻 🚚	i 🌼 🖏					
							David Caudill LOG OFF
PRISM SHONS	SOR WORKBENC	H					
online	Home	My Proposed Projects	My In-Progress Projects	My Completed Projects	My Other Projects	Project Search	
	Hollie	wy proposed projects	My III-Progress Projects	my completed Projects	my Other Projects	Project Search	
PROJECT DETAILS	•						🗉 🗌 Complete
Project Description		APPLI	CATION: 15-1584 RST.	MATYSIK - TRIB TO V	VILLAPA RIVER - F	R14	
 Project Description Parties 			sor: Pacific Conservation Dist		Status: Preapplication		
 Contacts 	All pages must be checke	d off (error free) before yo	u can submit.				
 Program & Project Type 	EDIT						Back Next
✓ Worksites & Properties		To determine if you b	nave successfully completed a	Il the required fields, click the	Check Application For F	rrore button Any na	nos with rod exclamation
✓ Worksite Map & Description	Check Application For E		cted prior to submitting the ap		Check Application For E	inors button. Any pa	ges with red exclamation
✓ Property Details	CERTIFY						
METRICS		et of my knowledge, the info	rmation in this application is tr	ue and correct Eurther all an	nlication requirements d	ue on the application	a due date have been fully
Restoration Metrics	completed to the bes	t of my ability. I understand t	hat if this application is found t	to be incomplete, it will be reje			
Overall Project Metrics	documents before ev	aluation or approval of this p	project and I agree to provide the	nem.			
COSTS	SUBMIT						
 Restoration Cost Estimates 	Submit Application						pplication changes the project
Cost Summary		to "Application Subm	itted" status. This tells agency	staff that the application is re	ady for review and furthe	er processing.	
APPLICATION QUESTIONS	Status Name	Status Date Subm	itted By Submis	sion Notes			
Overall Project Questions	Preapplication	11/09/2015					
Project Permits							
 Attachments 							
Submit Application							
Review Application							
OPTIONS	Re	ememher	RCO cann	ot create a	a nroiect	t agree	ment
Project Application Report					• •		mem
Application Review Report		ntil the nr	oject appli	ication is c	omnlete	and	
Go to Project:		itin the pr			ompiete		
GO	51	ibmitted.					
Go to Org:	<u> </u>						
GO							
Go to Person:							
GO							

Eligible Project Items

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	÷	✓	Fish Passage Improvement (Metrics: 4 filled)	
DOICM SP			Projects that improve or provide anadromous salmonid migration up and down stream including fish passage at road crossings (bri rock).	
online	÷		Instream Habitat Project Projects implemented to increase or improve the physical conditions within the stream environment (below the ordinary high water	cts My Comple
APPLICATION WIZARD	+		Riparian Habitat Project	
PROJECT DETAILS Project Description			Projects implemented above the ordinary high water mark and within the flood plain of streams that improve the environmental con	ST, LAYDEN - ' ervation Dist Pro
Parties	+		Site Stewardship Project	0/01/2015 Agre
Contacts			Projects that provide stewardship of previously installed riparian habitat project. Sites may be previously funded SRFB projects or o	
Program & Project Type Worksites & Properties			replacing unsuccessful plantings, supplementing the site with water or irrigation, installing fencing or other browse control methods. other categories such as Upland, Riparian, Intream, etc.	
Worksite Map & Descrip	+		Upland Habitat And Sediment Project	
Property Details METRICS			Landscape level projects implemented above the elevation of the riparian zone (above the floodplain) that are intended to benefit sp from upland areas into streams).	
Restoration Metrics		✓		
Overall Project Metrics		•	Activities that provide a report on a systematic set of field investigations that determine the presence or absence of cultural resource	
COSTS		_		
Restoration Cost Estima		-		
Cost Summary APPLICATION QUESTION			Activities that provide a report on a systematic set of field investigations that determine the presence or absence of cultural r photographic (and related) documentation of the resource.	
Restoration Questions			Total cost for Cultural resources:	
Overall Project Question			Enter the cost (to the nearest dollar) of this work type, as close as you can reasonably get it.	
Project Permits			Acres surveyed for cultural resources:	
Attachments			Number of acres surveyed for cultural resources (to nearest 0.01 acre).	
Submit Application	+		Permits	
Review Application			Project Permitting	
OPTIONS				
Project Application Report		✓	Architectural & Engineering	
Project Summary			Administrative, architectural, and engineering services.	
Application Review Report		-		
Project Details			Administrative, architectural, and engineering services related to the development/restoration activities.	
Go to Project:			Total cost for Architectural & Engineering (A&E):	
			Enter the cost (to the nearest dollar) of this work type, as close as you can reasonably get it.	

Restoration Milestone Worksheet

Project Number:	13- XXXX
Project Name:	Jones – Trib to Big Fish Creek
Sponsor:	Hazard County Conservation District
Project Manager:	Dave Caudill

The milestones worksheet is used by RCO to create the starting and ending dates for your project and to identify important project milestones that will help your project stay on schedule. These milestones should be realistic, attainable and allow for guick implementation and expenditure of grant funds.

Instructions:

- 1. In the Target Date column, identify the estimated date you expect to complete the milestone. If the milestone has already been completed put in the date it was completed. Put N/A if milestone is not applicable to your project.
- 2. Use the Comments/Description column to write in comments that will assist in describing the milestone.

N dila ata ma		Taxa t Data		Commente Description					
Milestone Project Sta	art	Target Date 09/10/2013	This	Comments Description					
1 10,000 04		00/10/2010		nake sure this is correct					
Preliminar	y Design to RCO	02/12/2014							
Final Desi	gn to RCO	06/30/2014	Prio	r to start of construction					
Cultural R	esources Complete	06/30/2014		handles this unless a survey is					
Special Co	onditions Met	02/15/2015	requ As-b	ured uilts as needed					
Applied fo	Bid Awarded/Contractor Hired			05/31/2014					
Permits C									
Landowne	RCO Final Inspection			11/30/2014	Usually	ually by the end of the construction year			
	Final Report in PRISM			02/15/2015	Needs to	o be	submitted after final invoice to		
					RCO. Ca	an be	e completed any time		
•	Agreement End Date			12/15/2014	PROJECT	T CLC	OSING. All expenditures must		
					be prior	to th	nis date.		
	Final Billing to RCO			2/15/2015	You hav	'e up	to 90 days from Agreement		
					End Date	e to :	submit final invoice unless		
					otherwis	se no	oted		

Project Milestones

Project Agreement

Recreation and Conservation Office

RCO Project Agreement For Office Administered Programs

Project Sponsor:	Cascade Columbia Regional Fish	eries Enhancement	Project Number: 14-2329R
	Group		
Project Title:	Darlington - Derby Creek R13	Provide a series of the ser	Approval Date: 1/21/2016

A. PARTIES OF THE AGREEMENT

This Project Agreement (Agreement) is entered into between the State of Washington the Department of Natural Resources (DNR) acting through the Recreation and Conservation Office, P.O. Box 40917, Olympia, Washington 98504-0917 and Cascade Columbia Regional Fisheries Enhancement Group (sponsor), PO Box 3162, Wenatchee, WA 98607 and shall be binding on the agents and all persons acting by or through the parties. These entities are collectively referred to herein as the Parties.

B. PURPOSE OF AGREEMENT

This Agreement sets out the terms and conditions by which a grant is made from the State Building Construction Account of the State of Washington. The grant is administered by the Recreation and Conservation Office (RCO) to the sponsor for the project named above per the director's authority granted in RCW 79A 25.020.

DESCRIPTION OF PROJECT

This is a FFFPP project to replace an undersized culvert with a large fish passable crossing. This project is located .5 miles up derby creek near the town of Peshastin, WA. The goal for this project is to remove a barrier to fish passage for native rainbow trout and steelhead, and replace it with a road crossing that is suitable to the landowner and creates no passage issues for fish.

Of the three barriers on this property only site B is eligible, A is on DNR land, C is on son's land but is not forestland. All three are on Derby Creek, a tributary to the Wenatchee River near Peshastin. The sponsor has signed up several more upstream landowners and there are total barriers downstream. This will be an origing affort to correct barriers on this stream as opportunity arises. Correction of this barrier culvert would improve access to the 12.54 miles of habitat upstream for steelhead and rainbow trout once other upstream barriers are also corrected.

PERIOD OF PERFORMANCE

The period of performance begins on October 1, 2015 (project start date) and ends on February 28, 2017 (project end date). No allowable cost incurred before or after this period is eligible for reimbursement unless specifically provided for by written amendment or addendum to this Agreement or specifically provided for by policies published in RCO manuals as of the effective date of this agreement.

The sponsor must request extensions of the period of performance at least 60 days before the project end date.

The sponsor has obligations beyond this period of performance as described in Section E: On-going Obligations.

E. ON-GOING OBLIGATIONS

For this restoration project, the sponsor's on-going obligations shall be for a minimum of ten (10) years, or more as specific in the Landowner Agreement, after the final payment and shall survive the completion/termination of this Project Agreement unless otherwise identified in the Agreement or as approved by RCO.

PROJECT FUNDING

The total grant award for this project shall not exceed \$72,500.00. RCO shall not pay any amount beyond that approved for grant funding of the project and within the RCO's percentage as identified below. The sponsor shall be responsible for all total project costs that exceed this amount. The minimum matching share provided by the sponsor shall be as indicated below:

	Percentage	Dollar Amount	Source of Funding
Office - FFFPP Grants	100.00%	\$72,500.00	State
Project Sponsor	0.00%	\$0.00	
Total Project Cost	100.00%	\$72,500.00	

- Review Your Agreement Carefully For:
- Standard Terms and Conditions
- Project Description and Scope
- Sponsor must not assign or transfer this agreement
- This project is the sole responsibility of the sponsor
- You must comply with all applicable laws
- Long Term Stewardship and Maintenance

Eligible Scope Activities

Restoration Metrics

Worksite #1, Dave Layden Fish Barrier

Targeted salmonid ESU/DPS (A.23):

Targeted species (non-ESU species): Miles Of Stream Treated/Protected (C.0.b): Project Identified In a Plan or Watershed Assessment (C.0.c):

Type Of Monitoring (C.0.d.1):

Fish Passage Improvement

Type Of Barrier (C.2.b.3):	Culvert
Miles Of Stream Made Accessible (C.2.b.1):	2.53
Square Miles Of streambed made accessible (C.2.b.2):	1.0
Bridge installed or improved (C.2.g.1)	
Miles of stream made accessible by bridge installation/repair (C.2.g.3):	2.53
Number of bridges (C.2.g.2):	1

Cultural Resources

Cultural resources

Architectural & Engineering

Architectural & Engineering (A&E)

Coho Salmon-Southwest Washington ESU Searun Cutthroat 0.10 The Chehalis Basin Salmon Habitat Restoration and Preservation Work Plan for WRIA 22 and 23. Implementation Monitoring **Cultural Resources Consultation**

How does this affect my project?

- Projects with ground disturbing activities are reviewed for cultural resources impacts
- RCO Leads the consultation process

Do Not send cultural resources review materials directly to the DAHP and tribes; send to RCO grant manager.

Where can I get more information?

www.rco.wa.gov www.goia.wa.gov www.dahp.wa.gov

Complete the Relevant Application Questions

POICM SPONS	OR WORKBENCH	<u>udill</u> <u>LOG OF</u>
online	Home My Proposed Projects My In-Progress Projects My Completed Projects My Other Projects Project Search	
APPLICATION WIZARD		🛨 🗹 Comple
PROJECT DETAILS		
Project Description	APPLICATION: 15-1451 RST, HINELINE - ANTOINE CREEK - R13 Sponsor: Cascade Col Reg Fish Enhance Program: FFFPP Grants Status: Active	
Parties	Project Start Date: 10/01/2015 Agreement End Date: 01/15/2017	
Contacts	RESTORATION QUESTIONS	
Program & Project Type	RESTORATION QUESTIONS Back	Save Nex
Worksites & Properties	Answer the following questions. A response is required for questions where "Description is required" note is displayed.	
Worksite Map & Description	Worksite: Cliff Hineline fish barrier (#1)	
Property Details	#1: Describe existing project site conditions. The answer to this question will be used in cultural resource consultation so please provide detailed	
METRICS	information.	
Restoration Metrics	Description is required Antoine Creek, a fish-bearing stream, runs along and through the property, currently flowing through an undersized culvert under the driveway	^
Overall Project Metrics	accessing the house and forest lands. There is a small plunge pool below the perched, downstream end of the culvert, and evidence of erosion	\mathbf{c}
COSTS ·	#2: Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gravel, etc.) as part of this project? This	
Restoration Cost Estimates	includes hand or mechanized tools, for example: shovel, auger, pick axe, backhoe, etc. Also include specific information including length, width, and	d
Cost Summary	depth of the ground disturbance that will be required for all proposed work, if known. Please avoid subjective phrases such as "ground disturbing activities will be minor".	
APPLICATION QUESTIONS	Description is required	
Restoration Questions	The existing road prism fill and culvert will be removed using a large excavator. Any other remaining debris will be removed from the channel and the banks will be contoured to match the existing site conditions and prepared for the new structure. The new, larger, fish-passable bridge will be	$\hat{}$
Project Permits	#3: Give street address for this worksite if available.	
Attachments	Description is required 1042 Swanson Mill Rd	A
Submit Application	Tonasket, WA 98855	0
Review Application	#4: Are there any structures existing on the property (including tidegates, dikes, etc.)? If so, please list all existing structures. Indicate if any of these	
OPTIONS	structures will be altered or demolished as a result of the project, and provide the following information for each structure that could be altered or demolished: identifying name, year constructed, year(s) remodeled/renovated. Attach at least one photo of each of the proposed altered structures.	
Project Application Report	Choice: Yes	,
Project Summary		
Application Review Report	Description is required There are a house and several outbuildings on the property, however none of these are in close proximity to the culvert, and none will be affected	\wedge
Project Details	by construction.	\mathbf{i}
Go to Project: GO Go to Org:	Back Check page for errors Save	Next

Project Timeline - FFFPP Start to Finish

1	Application Deadline /High Priority List	Projects Funded (Approved by Stg Comm)	Funded Letters Sent	CAF work orders sent	Landowner Acknowledgement	CAFs/Site Survey	FPT to choose correction option from CAFs	Site visit - FPF, HB, Engineer, sponsor, FPT, LO	Final Cost Estimate & Design	Complete PRISM Application	RCO/Sponsor Agreement	Cultural Resources	Apply for FPHP/HPA Permits	Design Review	Sponsor/ Landowner Agreement	Bids Solicited / Constructior Contract	Notify FPF, HB, FPT of design changes/ Start Date	Construction	Post Construction Inspections
Ideal	30-Jun	July	July	August	August	Sept	Sept-Oct	Sept-Oct	Oct-Nov	Oct	Oct-Nov	Nov	Dec. Jan	Jan-Feb	Jan-May	Feb-Mar	Apr-May	June 15- Sept 30	Oct-Dec
Sponsors recommends																			
		Fish						Sponsor to						FPF/HB,					
	Landowner (LO)	Passage Team (FPT)	Dave Caudill	Laura Till	Sponsor/ LO	Engineer	FPT	schedule, facilitate	Engineer / Sponsor	Sponsor	Dave Caudill	Dave Caudill	Sponsor	others if requested	Sponsor	Sponsor / Engineer	Sponsor / Engineer	Sponsor / Engineer	FPT/ Sponsor

Fish Passage Team (FPT)	
Sponsor/ Engineer	
FPT/ Sponsor	
FPF - Forest Practice Forester - DNR	
HB - Habitat Biologist - DFW	
LO - Landowner	
CAF - Correction Analysis Form	
FPHP - Forest Practice Hydraulic Per	mit
HPA - Hydraulic Project Approval	

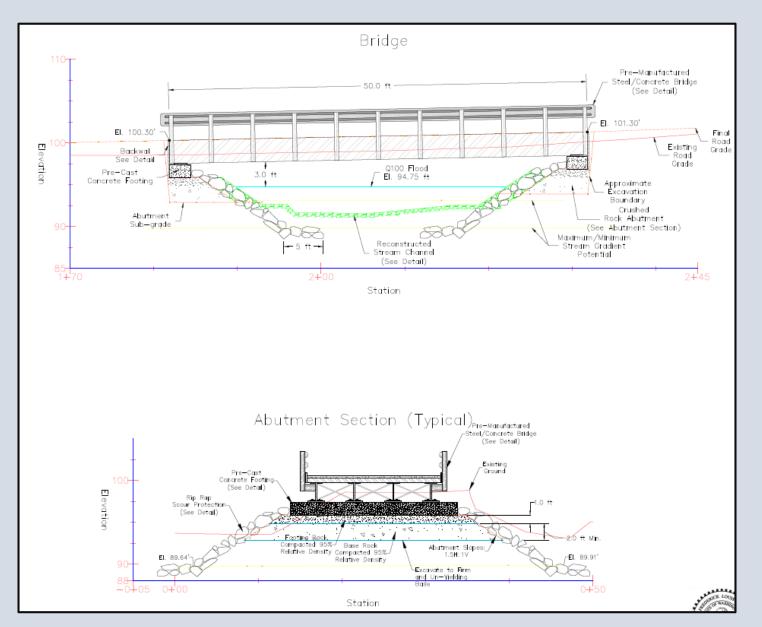


Permitting Requirements

FPA or HPA



Design Review



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The Grantee Agrees to:

Attachment A: Project Description and Maintenance Responsibilities

 Written description of the project-related activities that will occur on Landowner's Property (consistent with project cost elements) and the anticipated salmon or environmental quality benefits: (Include restoration/enhancement activities and any long-term maintenance needs and effectiveness monitoring activities that will occur in future years.)

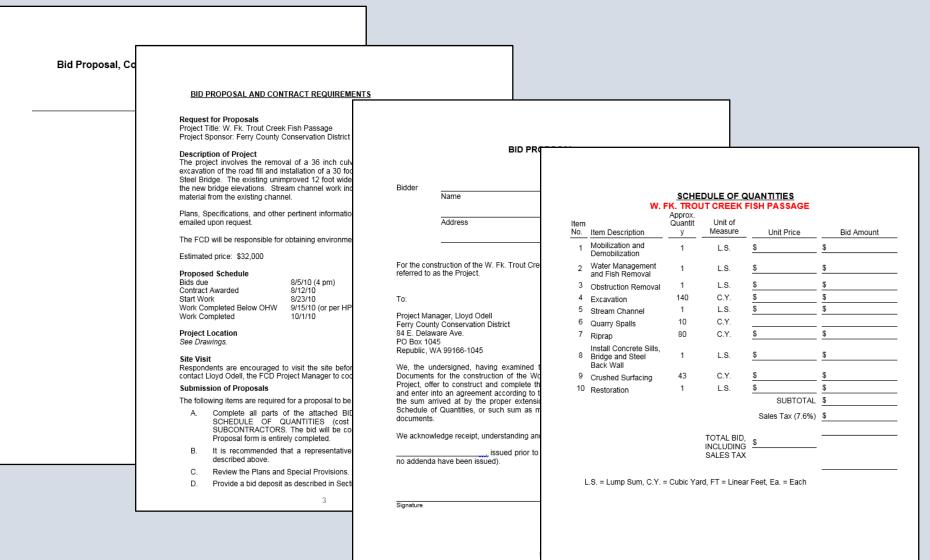
This project will replace a barrier culvert with a 26' long x 15' wide prefabricated concrete bridge. The completed project will restore unrestricted aquatic passage to 0.86 miles of habitat utilized by Coho, Searun Cuttroat Trout, and possibly Steelhead.

 Describe the maintenance and monitoring responsibilities of both the Landowner and Grantee for the term of this agreement. Include the activities, frequency and duration of work to be performed.

The Grantee is responsible for the integrity and function of the structure over the term of the agreement. The Landowner will inspect the structure annually and report any potential problems to the Grantee. In the event of damage or other serious problems, the Grantee will determine the most appropriate course of action to ensure proper function of the structure. The Landowner, as owner of the new structure, will be responsible for normal maintenance of the structure.

 Identify the specific maintenance and/or monitoring activities that will be provided by Landowner in Attachment A (Include frequency and duration).

Bids Solicited/Construction Contract



Notification of Any Changes to project Design

 Notify your forest practice forester or habitat biologist of any changes that may have occurred to your project design after the permits were issued.



Construction/Project Oversight



Post Construction Inspection



Project Timeline - FFFPP Start to Finish

)	Application Deadline /High Priority List	Projects Funded (Approved by Stg Comm)	Funded Letters Sent	CAF work orders sent	Landowner Acknowledgement	CAFs/Site Survey	FPT to choose correction option from CAFs	Site visit - FPF, HB, Engineer, sponsor, FPT, LO	Final Cost Estimate & Design	Complete PRISM Application	RCO/Sponsor Agreement	Cultural Resources	Apply for FPHP/HPA Permits	Design Review	Sponsor/ Landowner Agreement	Bids Solicited / Constructior Contract	Notify FPF, HB, FPT of design changes/ Start Date	Construction	Post Construction Inspections
ldeal	30-Jun	July	July	August	August	Sept	Sept-Oct	Sept-Oct	Oct-Nov	Oct	Oct-Nov	Nov	Dec-Jan	Jan-Feb	Jan-May	Feb-Mar	Apr-May	June 15- Sept 30	Oct-Dec
Sponsors recommends							•												
	Landowner	Fish Passage	Dave		Sponsor/			Sponsor to schedule,	Engineer /		Dave	Dave		FPF/HB, others if		Sponsor /	Sponsor /	Sponsor /	FPT/

F

And project Closeout!

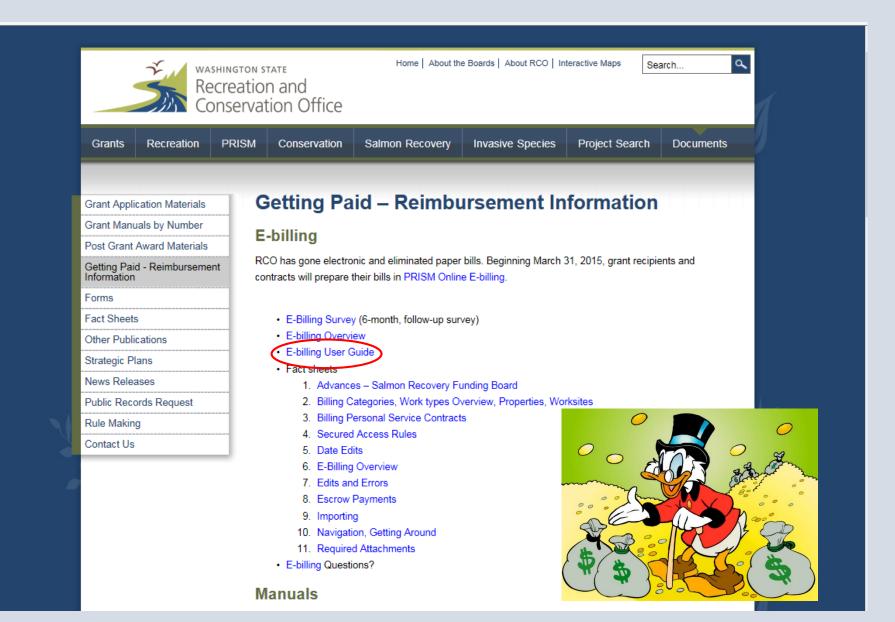
Project Closeout or Closing your RCO Agreement

	RESTORATION CLOSEOUT CHECKLIST									
Sponso	Sponsor Name: SRFB Project Number:									
Project	Name:									
OGM	Date	TASKS TO COMPLETE								
		Final A-19 Invoice Voucher Approved (Retainage Released, if any)								
		SRFB Final Report (FORM 204) attached in PRISM.								
		Map and Photos Attached in PRISM								
		Final Inspection Entered into PRISM								
		As-Built Design or Final Design Attached in PRISM								
		Worksite and Property Names Updated in PRISM								
		Long Term Stewardship Plan Attached in PRISM								
		Measurements Updated in PRISM								
		Milestones and Narrative Updated to Match Project Timeline								
		Landowner Agreement Attached into PRISM								
		Project File in Order (Items in Correct Section)								
		Final Closeout (In-Compliance) Letter Mailed								
		Write "Closed" on Project File with date.								
		OGM Final Notes								
		and Comments								

Submit Your Final Report

RISM 2007 (PROD) - [Project Summary - Project# 15-1245]					
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				Proj	ject#15-1245
		Roles Description	Metrics App Fur	nding Request Fun	ding Billed To Da
Navigate		General			
Click below to navigate screens	🗙 Options 🗸	Project Number	15-1245		
Project: Layden - Trib to Chehalis River - R13 (#15-1245)		Project Name	Layden - Trib to (Chehalis River - R13	1
Worksite: Dave Layden Fish Barrier (#1) Property: Dave Layden					
		Start Date	10/01/2015	End Date 02	2/28/2017
		Project Roles			
		Org	anization		
		Lewis County Con	servation Dist	Primary Spo	onsor
		Layden, Dave		Landowner	
		Chehalis Basin LE		Lead Entity	
		Rec. and Conserv	. Office (RCO)	Managing A	lgency
		- Project Contacts	S		

Getting Paid



Grant Manuals - Resources

Recre Cons	GTON STATE Cation and ervation Office odiversity Conserv			Manual 18 Salmon Recovery Grants
Grant Application Materials Grant Manuals by Number Post Grant Award Materials		Report broken links to the webmaster anuals by Number Indicated, all documents are in Adobe Acrobat format. To obtain a free reader,	Manual 5	
Getting Paid - Reimbursement Information Forms	Download Adobe A Manual 2 Manual 3	Planning Policies Acquisition Projects (for Salmon Recovery Funding Board projects funded as of December 2010, and Recreation and Conservation Funding	Restoration February 1, 2012	n Projects
Fact Sheets Other Publications Strategic Plans		 Board projects funded as of January 1, 2011) Acquiring Land: <i>Policies</i> Acquisition Project Toolkit for Grant Sponsors 		
News Releases Rule Making	Manual 4	New manual coming in soon! Development Projects: Policies	Recreation and Core Funding Board	Manual 8
Contact Us	Manual 5	Restoration Projects	Reimbursement Manual	
	Manual 6	Guidelines for Use of Conservation Easements		August 2010
W	/ww.ro	co.wa.gov		Provention tors Recreation and

The Fish Team

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- Laurie Cox DNR <u>laurie.cox@dnr.wa.gov</u>
 - 360 902-1404
- Dave Caudill RCO <u>dave.caudill@rco.wa.gov</u>
 - 360 902-2649

