

Project #12-1147, Bray- Trib to Scatter Creek R10

Submitted by Scott Chapman on 02/13/2014

Accepted by David Caudill on 02/13/2014

CONTACTS

Primary Sponsor: Wild Fish Conservancy

Project Contact: Jamie Glasgow
jamie@wildfishconservancy.org

Lead Entity: Grays Harbor County LE

Managing Agency: Rec. and Conserv. Office

RCO Grant Manager: David Caudill
Dave.Caudill@rco.wa.gov

DESCRIPTION OF THE COMPLETED PROJECT

Project Start Date: 05/31/2012

FundingEnd Date: 02/10/2014

RCO Closure Date:

The Bray site is on an intermittent fish-bearing tributary to Scatter Creek (23.0718). Fish use documented at the Lampe FFFPP site just downstream included coho, cutthroat, sculpin, lamprey, crayfish, and olympic mudminnow. Mr. Bray reports adult coho moving through his property every fall to spawn upstream. The partial barrier crossing consisted of a pair of 2' diameter undersized and oversteep round PVC culverts. WFC removed the undersized culverts and installed a 13'x12'x6' precast box culvert to restore the passage of fish, water, sediment, and wood through this stream reach. Disturbed banks were reconstructed using bioengineering, and revegetated with native trees and shrubs.

SITE LOCATION

General Area of Project: Tenino, WA

Waterbodies: Unnamed

Cong District: 03
Cong District 2012: 10
County: Thurston
HUC: Upper Chehalis
Leg District: 20
Leg District 2012: 20
Salmon Recov Reg 05: Coastal
Section: 38
Township/Range: T16NR01W
WAU: Scatter Creek



Sponsor Clarifications:

Sponsor verified the above information is correct and complete.

PROJECT NARRATIVE

During the original bid process bids came back substantially higher than our engineer's estimate. We made a few adjustments to the designs and contract, and re-bid. Mark Kamin won the bid and was excellent to work with - we'll be including Kamin in future FFFPP bids. Implementation went smoothly, and the landowner seems pleased with the outcome. There is some residual uncertainty re. the condition of the private driveway used by the heavy equipment to access the site during construction: Kamin restored it to pre-project conditions as per contract, but before it had settled someone (UPS?) drove on it while it was soft creating large ruts. Landowner believes Kamin may have caused the ruts, Kamin believes it was a coincident third party.

Two issues remain unresolved at this site: livestock (goats, cows) access to the stream during some seasons, and a partial barrier culvert (recently and illegally installed) immediately upstream from the new culvert on the neighboring property.

AMENDMENTS

#	Type	Applied Date	Description
2	Time Extension	01/15/2014	The project period of 05/31/2012 to 12/31/2013 is extended to allow the contracting party until 02/10/2014 to complete the project.
1	Cost Change	10/25/2013	The sponsor has requested a cost increase to include an \$11,000 increase in construction costs and an additional \$1,000 in A&E for the sponsor. The sponsor is requesting this cost increase because the construction bid came in higher than the project cost estimate. The Fish Team approves of this increase.

OVERALL PROJECT COSTS

Funding Formula:	Requested	Original	Final
FFFP Grants:	\$74,000.00 (100%)	\$74,000.00 (100%)	\$85,635.38 (100%)
Total:	\$74,000.00 (100%)	\$74,000.00 (100%)	\$85,635.38 (100%)
Paid To Date:	\$85,635.38		Last Released Billing: 02/14/2014
Remaining RCO Funds:	\$0.00		Pending Billing: No
Advance Balance:	\$0.00	Match Bank: \$0.00	Number of Billings: 14
Admin Limit:	\$0.00	Admin Spent: \$0.00	
A&E Limit:	\$16,927.93 24.64%	A&E Spent: \$17,010.07 19.86%	

Billed Cost Summary:	Original Agreement	Expended	Non-Reimbursable	Total Billed
Restoration				
Construction	\$69,000.00	\$68,635.38		\$68,635.38
A&E	\$17,000.00	\$17,010.07		\$17,010.07
Restoration Total	\$86,000.00	\$85,645.45		\$85,645.45
Total	\$86,000.00	\$85,645.45		\$85,645.45

Project Cost Metrics:	Original Agreement	Final
PCSRF Federal Funds:		
State Funds:	\$85,635.38	\$85,635.38
Other Federal Funding:		
Pending Billing - RCO Share Approved:		
Retainage - RCO amount retained:		\$0.00
Amount of other monetary funding:	\$0.00	\$10.00
Project identifier for the other monetary funding:	n/a	n/a
Source of other monetary funding:	n/a	n/a
Value of Donated Unpaid Labor (Volunteers):	\$0.00	\$0.00
Source of Donated Un-paid labor contributions:	n/a	n/a
Number of hours volunteers contributed to the project:		0
Describe how the value of the volunteers was determined:		n/a
Value of Donated Paid Labor:	\$0.00	\$0.00
Source of Donated Paid Contributions:		n/a
Value of Other In-Kind Contributions:	\$0.00	\$0.00
Source of Other In-Kind Contributions:		n/a
Description of other In-Kind contributions:	n/a	n/a

PROJECT METRICS

	Original Agreement	Final
Completion Date		
Projected date of completion:	12/31/2013	12/31/2013
Project Goals		
Goals, purpose, and expected benefits:	<p>The goal of the project was to connect isolated habitat to increase the range and distribution of salmon.</p> <p>The objective of the project was to increase access to areas blocked by human-caused impediments.</p>	<p>The goal of the project was to connect isolated habitat to increase the range and distribution of salmon.</p> <p>The objective of the project was to increase fish access to areas blocked by human-caused impediments.</p>

WORKSITE #1: Bray Fish Barrier

Worksite Description: Barrier culvert on private forest road.

Driving Directions: From Olympia go south on Old 99 to 14912 on left. Go east past house to woods.

Coordinates for Worksite Directions - Latitude: 46.87 **Longitude:** -122.84

Sponsor Clarifications:

Sponsor verified the above information is correct and complete.

WORKSITE #1 COSTS

Worksite Billed Cost:	Estimated	Expended	Non-Reimbursable	Total Billed
A&E	\$16,000.00	\$17,010.07		\$17,010.07
Construction	\$58,000.00	\$68,635.38		\$68,635.38
Worksite Total	\$74,000.00	\$85,645.45		\$85,645.45

Worksite Costs by Category:

	Original Agreement	Final
Fish Passage Funding:	\$58,000.00	\$68,635.00
Architectural & Engineering Funding:	\$16,000.00	\$17,010.07

WORKSITE #1 METRICS

	Original Agreement	Final
Targeted salmonid ESU/DPS:	Coho Salmon-Southwest Washington ESU	Coho Salmon-Southwest Washington ESU
Targeted species (non-ESU species):	Cutthroat, Searun Cutthroat	Cutthroat, Searun Cutthroat
Miles Of Stream Treated/Protected:	0.01	0.01
Project Identified In a Plan or Watershed Assessment:	None	None
Type Of Monitoring:	Implementation Monitoring	Implementation Monitoring
Monitoring Location:	Onsite	Onsite

Fish Passage Improvement

Number of blockages / impediments / barriers impeding passage:		1
Type Of Barrier:		Culvert
Miles Of Stream Made Accessible:	0.88	0.88
Square Miles Of streambed made accessible:	0.0	0.0

Culvert installed or improved

Total cost for Culvert installed or improved:		
Miles of stream made accessible by culvert installation/repair:	0.88	0.88
Number of culverts:	1	1

Architectural & Engineering

Architectural & Engineering (A&E)

Total cost for Architectural & Engineering (A&E):		
Did A&E costs exceed billed amount (Yes/No):		No
Percent architectural & engineering:		30.00

PROPERTY DESCRIPTION (Bray)

Activity: Restoration

Control & Tenure:

Instrument Type: Landowner Agreement

Timing: Proposed

Term Length: Fixed # of years # yrs: 10

Expiration Date:

Landowner Type: Private

Note:

Sponsor Clarifications:

Sponsor verified the above information is correct and complete.

Sponsor Clarifications:

SPONSOR CERTIFICATION

- I certify that this project has been completed in accordance with the project agreement.
- I certify that, to the best of my knowledge, the information in the Final Report is true and correct.

Submitted by Scott Chapman on 02/13/2014