

Progress Report 10/19/15-6/27/16

Project #14-1739, Upper Peshastin Barrier Conceptual Design

Submitted by Pete Cruickshank on 06/28/2016

Accepted by Marc Duboiski on 06/28/2016

CONTACTS

Primary Sponsor: Chelan Co Natural Resource

Lead Entity: Upper Columbia Sal Rec BD LE

Managing Agency: Rec. and Conserv. Office

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COSTS TO DATE

Project Start Date: 12/04/2014

FundingEnd Date: 12/04/2016

Funding Formula:	Requested		Original		Current	
Salmon State Projects:	\$62,500.00	(84%)	\$62,500.00	(84%)	\$62,500.00	(84%)
Sponsor Match:	\$12,000.00	(16%)	\$12,000.00	(16%)	\$12,000.00	(16%)
Total:	\$74,500.00	(100%)	\$74,500.00	(100%)	\$74,500.00	(100%)

Paid To Date: \$30,816.29
Remaining RCO Funds: \$31,683.71
Advance Balance: \$0.00

Match Bank: \$14,946.34

Admin Limit: \$0.00
A&E Limit: \$0.00

Admin Spent: \$0.00
A&E Spent: \$0.00

Last Released Billing: 04/25/2016

Pending Billing: No

Number of Billings: 4

PROGRESS REPORT QUESTIONS

#	Question	Answer	Answer Description
1 of 5	Are there any significant challenges that might hinder progress or keep you from meeting your project milestones? If so, please tell us about them.	Yes	On November 17, 2015 and December 9, 2015 the site experienced floods at approximately the 15 year peak flood event. We had surveyed the site in October. Based on observations from a March 2, 2016 field trip comparing photos it became apparent the bed has shifted. Several major boulders used as reference points had moved and the drop/turbulence in some areas was very different. We had just started the hydraulic modeling, but now the bed has changed. The team discussed this and agreed to resurvey some of the sections which changed before completing the modeling. The modeling will be used to make the fish passage assessment. We have been waiting for the flows to get low enough to survey. We anticipate this happening in late June. After that a final determination will be made of how to proceed. The hydraulic modeling was to be done this winter, so the fish passage assessment could be completed to support conceptual design decisions this spring. Now we are waiting for the hydraulic model which we anticipate being done after the survey.
2 of 5	Describe the work accomplished during this reporting period.		We completed the following: 1) working with WDFW staff and data, developed steelhead migration timing, 2) completed a topographic survey of the site in October 2015, 3) developed the hydrology for the site based on flow data collected with a data logger, 4) documented winter floods and changes to the bed, and 5) made measurements of high water elevation and observations of bank erosion.
3 of 5	Do you anticipate any changes to your project? Please describe those changes here.	Yes	We are working to meet the 8/4/2016 date for a draft design to RCO, but this date may need to slide. The design is driven by the hydraulic model and fish passage assessment and we need to complete that first.
4 of 5	Tell us about work planned for the next reporting period.		Final survey at low flow late June/July. Develop hydraulic model and complete fish passage assessment. Develop conceptual design options.
5 of 5	Do you anticipate you will need to request an amendment to your project agreement in the next six months (time extension, cost change, scope change, etc.)? If yes, please explain:	Yes	This is more of a Maybe... We are currently working to complete the full scope within the allotted time of the grant. That said, the high flows last winter did change some of the baseline conditions that had been captured during last summer's low flow; to what extent we will find out shortly. Depending on the outcomes of the upcoming survey and how that data fits in with past surveys I may request a time extension so that the final 'Conceptual Design' product is adequately reflective of the actual site conditions.

MILESTONES

Milestone	Target Date	Description	Completed	Delayed	New	Progress/Reason for Delay
					Target Date	
Project Start	12/04/2014		X			
Data Gathering Started	04/20/2015		X			
RFP Complete/Consultant Hired	04/20/2015		X			
Progress Report Submitted	06/30/2015		X			
Special Conditions Met	07/24/2015	Provide geologic assessment report of Ruby Slide to SRFB Review Panel.	X			
Annual Project Billing	07/31/2015		X			
Special Conditions Met	08/24/2015	SRFB Review Panel approves or denies continuing with design process.	X			
Progress Report Submitted	12/31/2015		X			
Progress Report Submitted	06/30/2016		X			
Annual Project Billing	07/31/2016					
Draft Design to RCO	08/04/2016	Draft Conceptual Design.				
Special Conditions Met	08/31/2016	Letters of Support from the USFS and WSDOT for the preferred alternative.				
Final Design to RCO	12/04/2016	Final Conceptual Design.				
Agreement End Date	12/04/2016					
Final Report in PRISM	03/04/2017					
Final Billing to RCO	03/04/2017					

PERMITS

Type	Applied Date	Received Date	Expiration Date	Permit Number	Comments
Other Required Permits					