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PROJECT: 15-1210 RST, UPPER WHITE PINE FLOODPLAIN RECONNECTION

Sponsor: Chelan Co Natural Resource Program: Salmon State Projects Status: Active

Project Start Date: 12/09/2015 Agreement End Date: 12/31/2018

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Progress Report Status: Accepted 01/02/2018

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## Report Period

From 07/03/2017 To 12/29/2017

## Questions

#1: Describe the work accomplished during this reporting period.

**Description is required**

Stream restoration started in June 2017 with contractor mobilization into the site, clearing, and flagging limits of disturbance. The lower levee was breached and a log jam was installed near the entrance. Approximately 1300' of new channel was excavated, FESL and large wood was installed on the banks and 3000 plants were installed in areas where earthwork is complete.

#2: Are there any significant challenges that might hinder progress or keep you from meeting your project milestones? If so, please tell us about them.

Choice Yes

**Description is required**

We are currently about \$250,000 over budget but that contains 2 estimated numbers (~\$100,000 change order and we anticipate BNSF permits, agreements, and insurance to cost ~80K). Since those numbers are still estimated, we are not seeking additional funds from RCO at this time. BOR has indicated that they are willing to fund part (~ half) of estimated cost overruns.

#3: Tell us about work planned for the next reporting period.

**Description is required**

We need to obtain the BNSF agreement this winter to work in the ROW next summer. This will involve getting a permit, contract, and insurance for the County and the contractor. We also need to develop a fish salvage plan and then construction will start again in June 2018 to divert flows into the new channel, remove 0.5 mile of levee, and restore work areas.

#4: Do you anticipate you will need to request a modification to your project agreement in the next six months (time extension, cost change, scope change, etc.)? If yes, please explain:

Choice Yes

**Description is required**

We may need additional funds once we finalize the costs associated with the BNSF agreement and insurance and the one change order in progress with the contractor.

## Metrics Setup

## Restoration Activities During Period

Yes We have measurable Restoration progress to report for the selected period.

✓ Worksite #1: Nason Creek Upper White Pine

# Progress Report, Project 15-1210

## Restoration Metrics

### Current Agreement

### Progress To Date (from project start)

#### Worksite: Nason Creek Upper White Pine (#1)

Miles Of Stream Treated/Protected (C.0.b)

0.80

0.24

The total length of stream treated/protected at the project worksite. This is a meander measurement of the portion of stream (including adjacent riparian area) treated by the project (to nearest 0.01 mile). Multiple treatments in the same stretch of stream would only be "counted" once, so that the total reflects actual stream length subjected to treatments regardless of how many different treatments were applied. This does not include 'miles of stream made accessible', which is an 'effect' not a treatment. Use the minimum measurement of 0.01 miles for barrier removal projects involving a single barrier.

#### Instream Habitat Project

Projects implemented to increase or improve the physical conditions within the stream environment (below the ordinary high water mark) that support increased populations of salmonids.

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

0.80

0.24

The length of stream treated. This is a meander measurement of the portion of stream treated at the project worksite. Multiple treatments in the same stretch of stream would only be "counted" once, so that the total reflects actual stream length subjected to treatments regardless of how many different treatments were applied. The number of miles (to nearest 0.01 mile) of stream treated.

#### Channel reconfiguration and connectivity (C.4.c.1)

Changes in channel morphology, sinuosity or connectivity to off-channel habitat, wetlands or floodplains. This includes instream pools added/created; removal of instream sediment; meanders added; former channel bed restored; removal or alteration of levees or berms (including setback levees) to connect floodplain; and, creation of off-channel habitat consisting of side channels, backwater areas, alcoves, oxbows, ponds, or side-pools.

Miles of Stream Treated for channel reconfiguration and connectivity (C.4.c.3)

0.28

0.24

Length of stream with changes to channel morphology.

Miles of Off-Channel Stream Created (C.4.c.4)

0

0

Length of off-channel stream created.

Acres Of Channel/Off-Channel Connected Or Added (C.4.c.5)

27.0

0

Amount of channel/off-channel connected or added (to nearest 0.1 acre).

Instream Pools Created/Added (C.4.c.6)

7

3

Number of instream pools created/added.

## Progress Report, Project 15-1210

### Milestones

Milestone	Target Date	Completed	Delayed	New Target Date	Progress/Reason for Delay
Progress Report Due	12/31/2017	✓			
Restoration Complete <i>Phase 2 Stream Restoration Channel Construction</i>	12/31/2017	✓			
Final Design to RCO <i>As-built Design for Phase 2 Restoration, as described in RCO Manual #18, Appendix D-4.</i>	12/31/2017	✓			
Progress Report Due	07/31/2018				
RCO Final Inspection	11/30/2018				
Agreement End Date	12/31/2018				
	Need amendment to change				
Annual Project Billing Due	12/31/2018				
Restoration Complete <i>Phase 3 Levee Removal, Flow Diversion to New Channel and Mainstem Backfill</i>	12/31/2018				
Final Report Due	03/31/2019				
Final Billing Due	03/31/2019				

### Special Conditions

None

## Progress Report, Project 15-1210

### Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
Cultural Assessment [Section 106]	DAHP		12/11/2015		
		<b>Note:</b> USFS FONSI			
Dredge/Fill Permit [Section 10/404 or 404]	Army Corps of Eng.	08/20/2015	01/21/2016		NWS 2015-780
Endangered Species Act Compliance [ESA]	US Fish & Wildlife		12/02/2015		01EWFwoo-2016-F-0101
		<b>Note:</b> BO for Powerline re-location, there is also a letter of concurrence for powerline re-location but restoration will be covered under a programmatic with USFS			
Hydraulics Project Approval [HPA]	Dept of Fish & Wildlife	08/20/2015	11/10/2016		2016-2-136+01
NEPA	Federal Agencies		12/11/2015		
		<b>Note:</b> USFS FONSI			
SEPA	Local or State		09/27/2015		DNS
Water Quality Certification [Section 401]	County/Dept of Ecy.	08/20/2015	03/07/2016		
Shoreline Permit	City/County	09/10/2015	02/03/2016		SE2015-223

### Permit Questions

#1: Any additional mitigation requirements? If so, please describe.

**Choice** No

#2: Are there any additional permits required? If so, please describe.

**Choice** Yes

**Description is required**

Authorization to work in the BNSF ROW. BNSF structures department has reviewed and approved the 30%, 60%, and 90% plans so now we just need to obtain the paperwork approvals for work in the ROW. Correspondence with BNSF in early 2017 indicated that they did not want to start this permitting process until we were within 6 months of the work within their ROW.

#3: Tell us about your progress with securing your permits or ESA consultation.

**Description is required**

USFS covered the ESA consultation under their ARBO II programmatic consultation.

#4: Did you use the federal permit streamlining process (Limit 8)? If yes, please attach your Limit 8 Self Certification Form.

**Choice** No

### Attachments

PHOTOS (JPG, GIF)



# 324982 Secondary

FILES AND PHOTOS

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	01/02/2018	Photo	IMG_2084.JPG	JenniferH	IMG_2084.jpg, 324982 Progress Report, 01/02/2018, Accepted	

## Progress Report, Project 15-1210

### Certify & Submit

#### Status History

Report Status	Date	User	Note
Accepted	01/02/2018	Marc Duboiski	Perfect. Thanks for the .pdf and .jpg of the site. I don't need to inspect it again until summer/fall 2018. I really enjoyed touring the site in October.
Submitted	01/02/2018	Jennifer Hadersberger	Marc-I attached 1 jpeg format photo into PRISM but I also uploaded a pdf into the attachments page with a bunch of photos and summary of project construction to date. Let me know if you have any questions, want more information, or want to conduct a site visit. We can access the site via snowshoe anytime now through March. The site is kinda unaccessabile due to snowmelt/water levels in April-ish but then we can also visit once it dries out June and later next year. You can probably see the site conditions better during the summer. Happy New Year!
Draft	01/02/2018	Jennifer Hadersberger	