

## PROJECT: 18-1366 REST, CRESCENT HARBOR CREEK RESTORATION

Sponsor: Skagit River Sys Cooperative    Program: Salmon State Projects    Status: Active  
Project Start Date: 07/01/2019    Agreement End Date: 12/31/2022

Progress Report Status: Accepted 12/06/2021

### Report Period

From 06/02/2021    To 11/30/2021

### Questions

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

During this reporting period, we secured all necessary permits, initiated construction in September, completed construction in early November, and completed an as-built topographic survey for the project site.

#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.

No

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

Prepare as-built drawings, plant site with native vegetation.

#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:

No

### Metrics Setup

#### Restoration Activities During Period

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

✓ Worksite #1: Lower Crescent Harbor Creek

### Restoration Metrics

	Current Agreement	Progress To Date (from project start)
<b>Worksite: Lower Crescent Harbor Creek (#1)</b>		
Miles of Stream and/or Shoreline Treated or Protected (C.0.b)	0.28	0.26
<b>Instream Habitat Project</b>		
Total Miles Of Instream Habitat Treated (C.4.b)	0.30	0.26
<b>Channel reconfiguration and connectivity (C.4.c.1)</b>		

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Miles of Stream Treated for channel reconfiguration and connectivity (C.4.c.3)	0	
Miles of Off-Channel Stream Created or Connected (C.4.c.4)	0.30	0.26
Acres Of Channel/Off-Channel Connected Or Added (C.4.c.5)	1.3	1.3
Instream Pools Created/Added (C.4.c.6)	13	12

**Note:** Channel alignment at the new creek mouth was altered slightly to avoid impacting mature trees, to reduce excavation volume, and to connect the new channel to the historic channel mouth at a location that better utilized existing topography that was revealed upon vegetation clearing for construction. This changed the constructed channel length to 1,333 LF (designed length is 1,420 LF), changed constructed pools from 13 to 12, and changed structure placement from 74 to 68. Because the new channel connects to the historic mouth 66 LF further upstream than what is shown in the design drawings, total restored channel length to reach the same location as the designed stream mouth is 1,399 LF (1,333 LF constructed + 66 LF restored historic).

### Channel structure placement (C.4.d.1)

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Miles of Stream Treated for channel structure placement (C.4.d.3)	0.30	0.26
Pools Created through channel structure placement (C.4.d.5)	13	12
<p><b>Note:</b> Channel alignment at the new creek mouth was altered slightly to avoid impacting mature trees, to reduce excavation volume, and to connect the new channel to the historic channel mouth at a location that better utilized existing topography that was revealed upon vegetation clearing for construction. This changed the constructed channel length to 1,333 LF (designed length is 1,420 LF), changed constructed pools from 13 to 12, and changed structure placement from 74 to 68. Because the new channel connects to the historic mouth 66 LF further upstream than what is shown in the design drawings, total restored channel length to reach the same location as the designed stream mouth is 1,399 LF (1,333 LF constructed + 66 LF restored historic).</p>		
Number of structures placed in channel (C.4.d.7)	74	68
<p><b>Note:</b> Channel alignment at the new creek mouth was altered slightly to avoid impacting mature trees, to reduce excavation volume, and to connect the new channel to the historic channel mouth at a location that better utilized existing topography that was revealed upon vegetation clearing for construction. This changed the constructed channel length to 1,333 LF (designed length is 1,420 LF), changed constructed pools from 13 to 12, and changed structure placement from 74 to 68. Because the new channel connects to the historic mouth 66 LF further upstream than what is shown in the design drawings, total restored channel length to reach the same location as the designed stream mouth is 1,399 LF (1,333 LF constructed + 66 LF restored historic).</p>		
<b>Spawning gravel placement (C.4.f.1)</b>		
Miles of Stream Treated with spawning gravel placement (C.4.f.2)	0.30	0.26
Cubic Yards of spawning gravel placed (C.4.f.3)	578	600
<b>Riparian Habitat Project</b>		
Total Riparian Miles Streambank Treated (C.5.b.1)	0.60	
Total Riparian Acres Treated (C.5.b.2)	2.0	
<b>Planting (C.5.c.1)</b>		
Acres Planted in riparian (C.5.c.3)	2.0	
Miles of streambank planted (C.5.c.4)	0.60	

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### Milestones

Milestone	Target Date	Completed	Delayed	New Target Date	Progress/Reason for Delay
Cultural Resources Complete <i>Evidence of compliance with Section 106 required</i>	07/15/2021	✓	<input type="checkbox"/>		
Final Design to RCO <i>As-built.</i>	12/31/2021	<input type="checkbox"/>	<input type="checkbox"/>		
Progress Report Due	12/31/2021	<input type="checkbox"/>	<input type="checkbox"/>		
Other <i>All Bid Docs/Plans to RCO</i>	03/31/2022	✓	<input type="checkbox"/>		
Bid Awarded/Contractor Hired	05/31/2022	✓	<input type="checkbox"/>		
Restoration Started	06/30/2022	✓	<input type="checkbox"/>		
Progress Report Due	06/30/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Restoration Complete <i>50% complete</i>	08/31/2022	✓	<input type="checkbox"/>		
Restoration Complete <i>90% complete</i>	10/31/2022	✓	<input type="checkbox"/>		Construction completed except for planting, which will occur January 2022.
Annual Project Billing Due	11/30/2022	<input type="checkbox"/>	<input type="checkbox"/>		
RCO Final Inspection	12/31/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Funding Acknowl Sign Posted	12/31/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Stewardship Plan to RCO	12/31/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Agreement End Date	12/31/2022	<input type="checkbox"/>	<input type="checkbox"/>		
		Need amendment to change			
Restoration Complete <i>100% complete</i>	12/31/2022	<input type="checkbox"/>	<input type="checkbox"/>		
Final Report Due	02/28/2023	<input type="checkbox"/>	<input type="checkbox"/>		
Final Billing Due	02/28/2023	<input type="checkbox"/>	<input type="checkbox"/>		

### Special Conditions

This project appears to be subject to the National Historic Preservation Act, Section 106, and therefore appears to be exempt from Governor???s Executive Order 05-05 Archaeological and Cultural Resources (EO 05-05) as described in the terms of this project agreement. In order for this project to be exempt from EO 05-05, the Section 106 Area of Potential Effect (APE) must include all ground-disturbing activities subject to this project agreement, including any staging area. The sponsor is encouraged to work with the federal permitting agency to align the Section 106 APE with the scope of work subject to this project agreement. If the APE does not include all ground-disturbing activities subject to this project agreement, promptly notify the RCO grant manager, as this will require RCO to initiate cultural resources consultation following EO 05-05 for those activities not included in the federal APE. RCO will withhold reimbursement of development or restoration expenditures until this requirement is met. For acquisition projects, final payment will be withheld until evidence of cultural resources review is provided. All cultural resources work must meet reporting guidelines outlined by the Department of Archaeology and Historic Preservation and Section 106 of the National Historic Preservation Act. In the event that archaeological materials or human remains are discovered within the project area, work in the immediate vicinity must stop, and the Sponsor must ensure compliance with the provisions found in this agreement and under state and federal law.

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### Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
Cultural Assessment [Section 106]	DAHP	07/01/2021	07/12/2021	03/18/2022	NWS-2021-275
Endangered Species Act Compliance [ESA]	US Fish & Wildlife	07/01/2021	08/23/2021	03/18/2022	NWS-2021-275
Nationwide Permit	Army Corps of Eng.	03/10/2021	08/23/2021	03/18/2022	NWS-2021-275
		<b>Note:</b> NWP27			
Water Quality Certification [Section 401]	County/Dept of Ecy.	03/10/2021	08/23/2021	03/18/2022	NWS-2021-275
		<b>Note:</b> Work complies with WQC requirements for the NWP.			
Other Required Permits		07/01/2021	07/08/2021		WAR10F06L
		<b>Note:</b> US EPA Construction General Permit			

### Permit Questions

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

No

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

No

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

No

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

All permits have been secured


### Attachments

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
	12/02/2021	Cultural Resources: Section 106	Crescent Harbor Creek NWP and 106.pdf	EricM	Crescent Harbor Creek NWP and 106.pdf, 492234 Progress Report, 12/06/2021, Accepted	

### Certify & Submit

#### Status History

Report Status	Date	User	Note
Accepted	12/06/2021	Marc Duboiski	Thank you for the update. Will a bill be submitted this month?
Submitted	12/02/2021	Eric Mickelson	Thank you!
Draft	11/22/2021	Eric Mickelson	