

SF (Nuxw7iyem) - Nessel Ph 1 Rest

Project Details



Nooksack Indian Tribe; SF (Nuxw7iyem) - Nessel Ph 1 Rest (#15-1283) Attachment #189479, Primary Photo

Project Status: Active since 03/10/2016
Planned Completion: 03/31/2018
This project is in progress. Project scope, activities, and dollars may change.

Project Type: Restoration
Project Sponsor: Nooksack Indian Tribe
Funding Board: Salmon Recovery Funding Board

Funding

Puget Sound Acq. & Restoration: \$1,009,330
Total RCO Grant: \$1,009,330 (85%)
 Sponsor Match: \$178,131 (15%)
Total Agreement: \$1,187,461 (100%)

RCO Grant Status

Total RCO Grant: \$1,009,330.00
Paid To Date: \$834,193.11 (83%)
 Grant Balance: \$175,136.89 (17%)

Links

Original Project Agreement
 Progress Report: 1/6/2017
 Attachments: 23 files

Project Description

The Nooksack Tribe will restore instream habitat in the South Fork Nooksack River, RM 11.4-11.9, Whatcom County, to address South Fork (SF) Nooksack chinook limiting factors of lack of key habitat, low habitat diversity, and high temperatures. Specifically, this project will construct 20 log jams in a 0.5-mile river segment, as part of the first of three phases of restoration planned in the broader Nessel reach (10.3-12). Log jams are designed to: (1) increase number and depth of pools; (2) increase habitat unit diversity and quantity of complex woody cover in the low-flow channel; (3) increase availability of temperature refuges; and (4) improve incubation success and flood refuge habitat by improving connectivity of floodplain and floodplain channels. Other species benefitting are ESA-listed steelhead and bull trout; coho, chum, riverine sockeye, and pink salmon; and cutthroat trout.

SF Nooksack early Chinook are essential for ESU recovery, but abundances are critically low. This project implements high priority actions in a high priority reach. The adjacent landownership, Whatcom Land Trust and Whatcom County Parks, through the upper portion of the reach presents a unique opportunity to restore habitat and reconnect floodplains in a relatively unconfined reach in the lower South Fork. The reach is also expected to be heavily used by Chinook returning to the Skookum hatchery (two miles upstream) as part of the South Fork Nooksack Chinook population-rebuilding program.

Project Contacts

Project Sponsor: Nooksack Indian Tribe

Lead Entity: WRIA 1 Watershed Management Board

Project Contact: Treva Coe
 tcoe@nooksack-nsn.gov
 (360) 592-5140 Ext 3144

Funding Agency: Recreation and Conservation Office

Project Manager: Marc Duboiski
 marc.duboiski@rco.wa.gov
 (360) 902-3137

Project Location

General Area: Downstream of Saxon Road bridge

County: Whatcom

Legislative Districts 2012: 42

Congressional Districts 2012: 01

Salmon Recovery Regions: Puget Sound

DNR Watershed Units (WAU): Acme

4th Field Catalog Units (HUC): Nooksack

WRIA: Nooksack

Sections: 21

Township: T37NR05E

Coordinates: 48.68834946
 -122.16464858

Worksites

Worksite Name	Scope of Work	Proposed Restoration	
			Cost
Nesset Ph 1 (#1)	Architectural & Engineering (A&E), Channel structure placement (C.4.d.1), Implementation monitoring, Obtain permits		\$1,187,461
		Total	\$1,187,461

Properties

Worksite Name	Property Name	Landowner Type
Nesset Ph 1 (#1)	Property 1 - Whatcom County Parks	Local Government
Nesset Ph 1 (#1)	Property 2 - WA DNR Aquatic Lands	State Government
Nesset Ph 1 (#1)	Property 3 - Guilford & Pospisil	Private
Nesset Ph 1 (#1)	Property 4 - Whatcom Land Trust	Private
Nesset Ph 1 (#1)	Property 5 - Lawson Curtis	Private
		Total

Project Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Proposed
Restoration Metrics (rolled up from Worksite level)	
Instream Habitat Project	
Channel structure placement (C.4.d.1)	
Miles of Stream Treated for channel structure placement (C.4.d.3)	0.50
Acres Of Streambed Treated for channel structure placement (C.4.d.4)	40.0
Pools Created through channel structure placement (C.4.d.5)	9
Number of structures placed in channel (C.4.d.7)	20
Permits	
Obtain permits	
Number of permits required for implementation of project	8

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Other Required Permits	06/14/2016	06/14/2016	12/11/2016	ENC2016-00506
Other Required Permits	06/24/2016	07/22/2016	12/31/2016	
Aquatic Lands Use Authorization	05/19/2016	07/21/2016	06/30/2021	23-094211
Endangered Species Act Compliance [ESA]	05/19/2016	07/14/2016	03/18/2018	13410-2008-FWS# F-0209
Hydraulics Project Approval [HPA]	05/24/2016	07/13/2016	09/30/2017	2016-4-495+01
Nationwide Permit	05/19/2016	07/15/2016	03/18/2018	NWS-2016-523
SEPA	06/02/2016	07/21/2016		SEP2016-00057
Shoreline Permit	06/02/2016	07/21/2016	07/21/2021	SHX2016-00079

Project Milestones

Milestone Name	Target Date	Description
Preliminary Design to RCO	08/04/2015	Submitted with PRISM Application
Project Start	12/09/2015	
Applied for Permits	04/01/2016	
Progress Report Submitted	06/30/2016	
Bid Awarded/Contractor Hired	06/30/2016	
Landowner Agreement to RCO	07/15/2016	LOA with Curtis/Lloyd for access, WLT for access and staging, and Whatcom Parks for structure placement above
Cultural Resources Complete	07/15/2016	
Permits Complete	07/15/2016	
Restoration Started	07/15/2016	
Annual Project Billing	07/31/2016	
Final Design to RCO	08/01/2016	
Progress Report Submitted	12/31/2016	
Final Design to RCO	01/15/2017	As-built report, per RCO Manual #18, Appendix D-4.
Progress Report Submitted	06/30/2017	
Annual Project Billing	07/31/2017	

Progress Report Submitted	12/31/2017
Restoration Complete	03/31/2018
Agreement End Date	03/31/2018
RCO Final Inspection	06/30/2018
Final Report in PRISM	06/30/2018
Final Billing to RCO	06/30/2018

NOTE: This data is subject to change.

Project Attachments

Attachment Type	Attachment Title	Attach Date
Agreement - State	15-1283 Project Agreement.pdf	03/10/2016
Application Review Report	Application Review Report, 15-1283R(compl 08/28/15 11:26:03).pdf	08/28/2015
Cost Estimate	15-1283_Cost_Estimate (updated).xlsx	08/13/2015
Design document	NESSET'S REACH PHASE 1 RESTORATION_FINAL reduced.pdf	01/03/2017
Design document	NESSET'S REACH PHASE 1 RESTORATION_22apr2016.pdf	06/29/2016
Design document	Phase 1 90% Design (FINAL).pdf	07/01/2015
Design document	Preliminary Basis of Design Report (FINAL).pdf	07/01/2015
Design document (as built)	PHASE1-ASBUILT-DRAWINGS.pdf	01/03/2017
Limit 8 Self-Certification Form	Limit 8 Signed.pdf	06/29/2016
Map: Restoration Worksite	Vicinity: Nessel 1.pdf	07/06/2014
Permit	Ness1_All_Permits_Bundle.pdf	01/03/2017
Photo	Secondary Photo.jpg	05/18/2014
Photo	Primary Photo.jpg	05/18/2014
Progress report	Progress Report 01/06/2017.pdf	01/06/2017
Progress report	Progress Report 06/30/2016.pdf	06/30/2016
Project Application Report	Application Report, 15-1283R (submitted 08/13/15 15:44:27).pdf	08/13/2015
Salmon Project Proposal	15-1283-Proposal_2015-0702.docx	07/02/2015
SRFB Review Panel Comment Form	Final SRFB Review Panel Comment Form.pdf	01/29/2016
Visuals	15-1283-Figures (Updated Figs 7, 10,11) - RENAMED/UPLOADED.pdf	07/08/2015
Visuals	15-1283-Figures (Updated Figs 7, 10,11) - REUPLOADED.pdf	07/08/2015
Visuals	15-1283-Figures (Updated Figs 7, 10,11) - DOWNLOAD ERROR.pdf	07/02/2015
Visuals	15-1283_Benefits (Updated).pdf	07/02/2015
Visuals	Land Ownership.pdf	05/14/2015

Date of last change: 02/03/2017