



EPA Puget Sound Financial and Ecosystem Accounting Tracking System (FEATS) v. September 2012 for Lead Organization Subawardees

Photo by Rebecca Pirtle, Editor, Kingston Community News (Doe-Kag-Wats Estuary of the Suquamish Tribe)

PROJECT INFORMATION

1. Federal Grant Number	PA-00J912-01	*2a. Reporting Period Start Date:	10/1/2017	*2b. Reporting Period End Date:	3/31/2017
3. Subaward Organization (Name and complete address including zip code) Name: Nooksack Indian Tribe Address 1: 5016 Deming Road Address 2: City: Deming State: WA Zip Code: 98244-			4. Subaward Project Manager Contact Information Name: Treva Coe Phone: (360) 592-5140 Ext: 3144 Fax: (360) 592-5743 Email: tcoe@nooksack-nsn.gov		
5a. EPA Program LO - Tribal	5b. Subaward Project Title and Contract No. Nooksack Tribe Implementation of High Priority Salmon Recovery Projects / 14EPA PSP414		*6. Collaborating Organizations/Partners None		

<p><u>Subawardee Submission Instructions:</u></p> <p>LO fills in the white boxes. Subawardee fills in the yellow boxes (boxes with asterisks). Refer to guidance document for how to fill out the boxes. After filling out the yellow boxes, save and e-mail it to your LO Project Manager for approval. LO will roll up the information and submit to EPA for approval.</p>	<p>LO Project Manager: Dani Madrone LO: NWIFC Phone: 360.528.4318 email: dmadrone@nwifc.org</p> <p>LO Program Coordinator: LO: Phone: email:</p> <p>EPA Project Officer: Lisa Chang</p>	*7a. Name/Title of Person Submitting Report	Treva Coe, Habitat Program Manager
		*7b. Date Report Submitted	6/13/17 (revised)

FUNDING/COST ANALYSIS

8a. Total Assistance Amount Awarded:	\$112,450.00	8b. Funding Year (Federal Fiscal Year Funds Appropriated)	FY 2014 ----- ----- -----	*9. Amount Spent To-Date:	\$112,450.00	*10. Amount Reimbursed To-Date:	\$112,450.00
11. Match Amount Required	\$0.00	*12. Total Match Amount Spent and Documented To-Date:	\$0.00	*13. Have you experienced any cost overruns or high unit costs?	No		
*14. What issues or questions do you need the LO Project Manager to respond to?							

BUDGET UPDATE

	15a. APPROVED BUDGET			*15b. SPENT TO-DATE		
	LO (EPA) Funds	MATCH	TOTAL	LO (EPA) Funds	MATCH	TOTAL
Personnel	\$36,090.00	\$0.00	\$36,090.00	\$32,863.76	\$0.00	\$32,863.76
Fringe Benefits	\$12,320.00	\$0.00	\$12,320.00	\$10,787.21	\$0.00	\$10,787.21
Travel	\$2,400.00	\$0.00	\$2,400.00	\$2,191.94	\$0.00	\$2,191.94
Equipment	\$0.00	\$0.00	\$ 0.00	\$0.00	\$0.00	\$ 0.00
Supplies	\$502.00	\$0.00	\$ 502.00	\$44.69	\$0.00	\$ 44.69
Contracts	\$45,100.00	\$0.00	\$45,100.00	\$55,102.45	\$0.00	\$55,102.45
Other	\$0.00	\$0.00	\$ 0.00	\$0.00	\$0.00	\$ 0.00
TOTAL DIRECT CHARGES	\$96,412.00	\$0.00	\$96,412.00	\$100,990.05	\$0.00	\$100,990.05
Indirect Charges	\$16,038.00	\$0.00	\$16,038.00	\$11,459.95	\$0.00	\$11,459.95
TOTAL	\$112,450.00	\$0.00	\$112,450.00	\$112,450.00	\$0.00	\$112,450.00
*Explain Any Discrepancies:	We have incurred greater expenses in subcontracts than expected. This funding source is an important source of required 15% match for SRFB/PSAR-funded projects. Since SRFB only pays 85% of each reimbursement invoice, match spending needs to keep pace with SRFB grant spending. We have learned that it is much easier to track match when we can charge subcontract expenses (which, once contract is approved, are fixed, rather than salary expenses, which vary).					

ECOSYSTEM GOALS ADDRESSED

16a. Primary Goal	Healthy Habitat
16b. Additional Goals	Healthy Species -----

DIRECT THREATS ADDRESSED

17a. Primary Threat	-----
17b. Secondary Threat(s)	-----

LINKAGES TO PUGET SOUND ACTION AGENDA (Version Adopted August 2012)

18a. Primary Strategic Initiative	Tribal Habitat Priorities
18b. Sub-Strategies Employed	A.2.2 A.6.1 A.6.2
18c. Near-Term Actions Supported	

LINKAGES TO EPA PUGET SOUND PERFORMANCE MEASURES

19. Measure(s)	Habitat Restored/Protected -----
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LINKAGES TO PUGET SOUND DASHBOARD INDICATORS

20a. Primary Indicator	Wild Chinook Salmon
20b. Secondary Indicators	-----

PROJECT LOCATION

21a. Latitude	48.905	21b. Longitude	-122.106
21c. Hydrologic Unit Code	17110004 - Nooksack	-----	-----
21d. Action Area	San Juan/Whatcom	-----	-----

MEASURES OF SUCCESS (Key Outputs)

*22a. Description (e.g., "shellfish beds reopened")	*22b. Unit (e.g., "acres")	*22c. Project Target ("number")	*22d. Project Measure To-Date ("number")
Engineered log jams in the North Fork Farmhouse Reach (PHASE 2A)	# of log jams	8	7
Length of North Fork Nooksack River treated	meters	161	161
Engineered log jams in the South Fork Downstream of Hutchinson Reach (PHASE 2A)	# of log jams	8	8
Engineered log jams in the South Fork Black Slough Reach	# of log jams	6	0
Length of South Fork Nooksack River treated	meters	1770	161
Engineered log jams in the North Fork Farmhouse Reach (PHASE 2B)	# of log jams	3	3

PROJECT MILESTONES

Instructions: In the tables below, please explain your progress toward meeting agreed outputs for the period, **reasons for slippages**, and any additional information including **reflections, lessons learned, and/or thoughtful analysis**. When appropriate, include analysis and information of **cost overruns or high unit costs**, and changes to work plan or budget not requiring prior approval from EPA. We encourage photo documentation - please attach to the report as a separate document.

23a. Subaward Work Plan Component/Task: NF Farmhouse Reach, SF Downstream of Hutchinson Reach, SF Black Sough Reach					
23b. 2012 Action Agenda Near-Term Action(s) Supported:					
*23c. Estimated Costs:					
Actual Costs to Date:					
(If required to report – contact your Project Manager)					
23d. Sub-Task No.	23e. Sub-Task Description (include due date)	*23f. Date of Status	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
1.1	Grant administration, budget management, and reporting	03/31/17	COMPLETED	5 semi-annual progress reports completed	Semi-annual progress report submitted 10/31/16.
1.2	Acquire and transport logs, racking, and slash. Develop Request for Bids, select contractor, negotiate and manage contract (including inventory management) for contract to supply and transport logs, racking, and slash for log jam construction. Acquire other	03/31/17	COMPLETED	1 Request for Bids completed and distributed; 1 contract approved; Logs supplied to NF Farmhouse Phase 2a project site; Logs supplied to SF	Staff finished management of contract to supply and deliver logs and woody material for the NF Farmhouse Phase 2b project site.

	necessary materials, including rope, cable, fasteners, and bulk bags			Downstream of Hutchinson Phase 2a project site; Logs supplied to SF Black Slough Phase 1 project site; Other necessary materials supplied to NF Farmhouse Phase 2a project site; Other necessary materials supplied to SF Downstream of Hutchinson Phase 2a project site; Other necessary materials supplied to SF Black Slough Phase 1 project site	
1.3	For each project, develop Request for Bids, select contractor, and negotiate and manage contract(s) to construct temporary access roads, stage logs and other materials, install temporary erosion and sediment control and/or water management measures, construct log jams, and regrade site	03/31/17	COMPLETED	3 Request for Bids completed and distributed; 3 contracts approved; 8 log jams constructed to design at NF Farmhouse Phase 2a site; 8 log jams constructed to design at SF Downstream of Hutchinson Phase 2a site; 6 log jams constructed to design at SF Black Slough Phase 1 site	Staff completed management of contract to construct 19 log jams as part of the NF Farmhouse Phase 2b restoration project.
1.4	Plant log jams and replant disturbed areas using a mix of native conifers and deciduous trees. Conifers will include Sitka spruce (<i>Picea sitchensis</i>), Western red-cedar (<i>Thuja plicata</i>), Douglas-fir (<i>Pseudotsuga menziesii</i>), and Grand fir (<i>Abies grandis</i>). Conifers will be planted on six foot centers. Deciduous trees will include black cottonwood (<i>Populus trichocarpa</i>), willow species (<i>Salix</i> spp), and red osier dogwood (<i>Cornus stolonifera</i>). Deciduous trees will be planted on 1-2	03/31/17	COMPLETED	3 project-level planting plans developed; 0.25 acres planted to planting plan at NF Farmhouse Phase 2a project site; 0.25 acres planted to planting plan at SF Downstream of Hutchinson Phase 2a project site; 0.25 acres planted to planting plan at SF Black Slough Phase 1 project site; 3	Phase 2b log jams were planted in the fall shortly after construction ended.

	foot centers. Maintain planted areas (i.e. invasive weed control). Planting will only occur in fall and spring months as weather permits. Number of plants installed will be recorded and planting areas GPS'd.			project-level planting reports completed.	
1.5	Collect baseline habitat data where needed (SF Black Slough project site) and conduct as-built monitoring per the Nooksack River Watershed Habitat Restoration Project Effectiveness Monitoring Plan.	03/31/17	COMPLETED	Baseline habitat data collected: SF Black Slough Phase 1 reach; 8 log jams mapped with GPS unit: NF Farmhouse Phase 2a reach; 8 log jams mapped with GPS unit: SF Downstream of Hutchinson Phase 2a reach; 6 log jams mapped with GPS unit: SF Black Slough Phase 1 reach; 3 project-level as-built reports completed; 1 project-level baseline monitoring reports completed	Staff completed an as-built report to document implementation of NF Farmhouse Phase 2B restoration.

CHALLENGES AND SOLUTIONS (specific to reporting period)

*24a. Task No., Sub-Task No.	*24b. Challenge	*24c. Solution
1.3	Access proved more challenging than originally envisioned, and depth to water varied greatly throughout the site.	Through weekly construction meetings with the design engineer on-site and daily oversight from Tribal staff, challenges were identified and solutions developed cooperatively. The experience of all involved (contractor, engineer, Tribal staff) and the ingenuity and flexibility of the contractor proved invaluable.

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

***25.**

This funding is an essential component of the Tribe's funding strategy for priority Nooksack chinook habitat restoration projects. While Tribal staff also engage in resource protection, habitat restoration is critical to restoring the freshwater productivity that will support recovery. Without this and other sources of funding for restoration, the Tribe would scale back the pace and scale of projects, which would delay or impede recovery and further constrain the Tribal members' ability to exercise their treaty fishing rights.