



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	-00J912-01	*2a. Reporting Period Start Date:	4/1/2016	*2b. Reporting Period End Date:	9/30/2016
3. Subaward Organization (Name and complete address including zip code) Name: Upper Skagit Indian Tribe Address 1: 25944 Community Plaza Way Address 2: City: Sedro-Woolley State: WA Zip Code: 98284-			4. Subaward Project Manager Contact Information Name: Jon-Paul Shannahan Phone: (360) 854-7089 Ext: Fax: (360) 854-7042 Email: jonpauls@upperskagit.com		
5a. EPA Program LO - Tribal	5b. Subaward Project Title and Contract No. Freshwater Productivity and Diversity of Skagit River Juvenile Steelhead / 14EPA PSP442		*6. Collaborating Organizations/Partners Washington Department Of Fish and Wildlife		

<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	Jon-Paul Shannahan Managing Biologist
		*7b. Date Report Submitted	11/1/2016

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:	\$110132.73	*10. Amount Reimbursed To-Date:	
11. Match Amount Required	\$0.00	*12. Total Match Amount Spent and Documented To-Date:		*13. Have you experienced any cost overruns or high unit costs?			
*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	\$24,149.00	\$0.00	\$24,149.00	\$23,916.79		\$23,916.79
Fringe Benefits	\$6,762.00	\$0.00	\$6,762.00	\$4,989.77		\$4,989.77
Travel	\$0.00	\$0.00	\$ 0.00	\$0.00		\$ 0.00
Equipment	\$0.00	\$0.00	\$ 0.00	\$0		\$ 0.00
Supplies	\$782.00	\$0.00	\$ 782.00	\$1,838.86		\$1,838.86
Contracts	\$67,509.00	\$0.00	\$67,509.00	\$67,509.00		\$67,509.00
Other	\$0.00	\$0.00	\$ 0.00	\$0.00		\$ 0.00
TOTAL DIRECT CHARGES	\$61,693.00	\$0.00	\$61,693.00	\$98,254.42		\$98,254.42
Indirect Charges	\$13,248.00	\$0.00	\$13,248.00	\$11,878.31		\$11,878.31
TOTAL	\$112,450.00	\$0.00	\$112,450.00	\$110,132.73		\$110,132.73
*Explain Any Discrepancies:						

ECOSYSTEM GOALS ADDRESSED

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

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.6.4 A.6.3 A.1.2 D.4.1
18c. Near-Term Actions Supported	

LINKAGES TO EPA PUGET SOUND PERFORMANCE MEASURES

19. Measure(s)	-----
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LINKAGES TO PUGET SOUND DASHBOARD INDICATORS

20a. Primary Indicator	-----
20b. Secondary Indicators	-----

PROJECT LOCATION

21a. Latitude	48.444147	21b. Longitude	-122.327628
21c. Hydrologic Unit Code	17110007 - Lower Skagit	-----	-----
21d. Action Area	Whidbey	-----	-----

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")

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: Freshwater Productivity and Diversity of Juvenile Skagit River Steelhead					
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	Write up contractual agreement with Washington Department of Fish and Wildlife	2/14/2015	COMPLETED	WDFW/USIT contract written	
1.2	Apply for ESA take permits and HPA requests	Dec 2014	COMPLETED	Permits obtained	
1.3	Amend previously developed project QAPP to reflect any changes or modifications to the study protocol. Get approved amended QAPP	2/2015	COMPLETED	Approved QAPP Addendum	

1.4	Purchase equipment, including that associated with maintenance of PIT antenna arrays	12/1/2015-4/1/2016	COMPLETED	Equipment and tags purchased	
1.5	Maintain PIT antenna array in Hansen Creek and Illabot Creeks	Illabot installed on	CURRENT	Problems identified as they develop	Staff have conducted ongoing maintenance to both facilities.
1.6	Install smolt traps into Illabot and Hansen creeks	3/26/2015	COMPLETED	Smolt traps install in Illabot and Hansen creeks	The 2015 sampling season was implemented as planned. In Illabot Creek we relied on the screw trap as the sole means of capturing fish, in Hansen given the range of flows and bed stability we alternated between the use of a screw trap and smolt weir.
1.7	Operate tributary traps and implement data collection in accordance to QAPP	3/26/2015-6/11/2015	COMPLETED	Traps operated between March and June; Traps checked daily; All captured fish removed from live box, sorted by species, enumerated, biologically sampled, and released	The operation of the traps, data collection and fish handling were implemented as designed.

23a. Subaward Work Plan Component/Task:

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
1.8	Biologically sample juvenile migrants in Hansen and Illabot creeks	3/26/2015-6/11/2015	COMPLETED	Biological sampling of all steelhead smolts, including length, scale sub-sample, genetic tissue sub-sample and mark and tag status	Completed as planned
1.9	Mark (tag) and release steelhead smolts above the tributary traps	3/26/215-6/11/2015	COMPLETED	Steelhead smolts marked and released	A total of 350 smolts in Illabot were PIT tagged, and in Hansen Creek 262 smolts were tagged
1.10	Organize data in digital format for analysis, estimate abundance of	1/31/2016	COMPLETED	Digital data set	The organization of data into digital format was completed.

	steelhead smolts via mark-recapture methods, and quantitatively describe life-history diversity				Leveraged funds are supporting the incorporation of data into the new Skagit Specific PIT Tag database
1.11	Estimate abundance in tributaries, calculate basin estimates, and analyze size, age and timing patterns.		COMPLETED	Estimated steelhead smolt abundance for Hansen and Illabot creeks; age and size composition of steelhead smolts; migration timing of steelhead smolts at the main stem trap and at tributary traps; and estimated smolt-to-adult return rates (SAR) and adult escapement for Hansen Creek, and Illabot Creek pending planned PIT antenna installation in winter 2015.	
1.12	Develop final report		COMPLETED	Final report summarizing cumulative results from trapping seasons 2012 - 2015.	

CHALLENGES AND SOLUTIONS (specific to reporting period)

*24a. Task No., Sub-Task No.	*24b. Challenge	*24c. Solution

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

*25.

