



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

<u>Subawardee Submission Instructions:</u> 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.	LO Project Manager: Rachel Norman LO: NWIFC Phone: 360.528.4318 email: rnorman@nwifc.org LO Program Coordinator: LO: Phone: email: EPA Project Officer: Lisa Chang	*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:	\$112,200.00	8b. Funding Year (Federal Fiscal Year Funds Appropriated)	FY 2015 ----- ----- -----	*9. Amount Spent To-Date:	\$75,916.55	*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	\$26,441.00	\$0.00	\$26,441.00	\$16,085.64		\$16,085.64
Fringe Benefits	\$7,403.00	\$0.00	\$7,403.00	\$3,492.10		\$3,492.10
Travel	\$0.00	\$0.00	\$ 0.00	\$0.00		\$ 0.00
Equipment	\$0.00	\$0.00	\$ 0.00	\$0		\$ 0.00
Supplies	\$790.00	\$0.00	\$ 790.00	\$1,149.73		\$1,149.73
Contracts	\$61,608.00	\$0.00	\$61,608.00	\$46,540.24		\$46,540.24
Other	\$2,000.00	\$0.00	\$2,000.00	\$146.53		\$ 146.53
TOTAL DIRECT CHARGES	\$36,634.00	\$0.00	\$36,634.00	\$67,414.24		\$67,414.24
Indirect Charges	\$13,958.00	\$0.00	\$13,958.00	\$8,502.31		\$8,502.31
TOTAL	\$112,200.00	\$0.00	\$112,200.00	\$75,916.55		\$75,916.55
*Explain Any Discrepancies:	We are also correcting a charge that was incorrectly charged in the FY14 budget, the correction will post in April budgets of both award years.					

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	3/1/2016	COMPLETED	WDFW/USIT contract written	
1.2	Apply for ESA take permits and HPA requests	1/1/2016	COMPLETED	Permits obtained	WDFW-sub contractor has completed this task for the project
1.3	Amend previously developed project QAPP to reflect any changes or modifications to the study protocol. Get approved amended QAPP	3/1/2016	COMPLETED	Approved QAPP Addendum	submitted for processing

1.4	Purchase equipment. modify and/or fix screw traps and weir fence panels	3/1/2016	CURRENT		Supplies and equipment purchasing is ongoing
1.5	Maintain PIT antenna array in Hansen Creek and Illabot Creeks	4/1/2016-9/30/2016	CURRENT	Problems identified as they develop	Staff have been performing routine field maintenance of the antenna systems. In addition staff have been developing a SOP for routine maintenance and trouble shooting these systems.
1.6	Install smolt traps into Illabot and Hansen creeks	6/17/2016	COMPLETED	Smolt traps install in Illabot and Hansen creeks	Both traps were installed and operated as planned the traps were removed in middle June.
1.7	Operate tributary traps and implement data collection in accordance to QAPP	3/29/2016-6/17/2016	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	Operations went as planned this year.

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	3/29/2016-6/17/2016	COMPLETED	Biological sampling of all steelhead smolts, including length, scale sub-sample, genetic tissue sub-sample and mark and tag status	Operation and sampling was completed as designed.
1.9	Mark (tag) and release steelhead smolts above the tributary traps	6/17/2016	COMPLETED	Steelhead smolts marked and released	Operation and sampling was completed as designed
1.10	Organize data in digital format for analysis, estimate abundance of steelhead smolts via mark-recapture methods, and quantitatively describe life-history diversity		CURRENT	Digital data set	The sampling has been completed and all the data is in different states of analysis. Age analysis is ongoing with WDFW scale lab, DNA data has been

					achieved and placed into shared database. Tag and biological data has been entered and proofed in the new Skagit RTR database. Additional testing and troubleshooting the new system with field readers has been ongoing.
1.11	Estimate abundance in tributaries, calculate basin estimates, and analyze size, age and timing patterns.		CURRENT	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 2016.	Recent mark recapture/resight work in both tributaries (independedly funded) has highlighted some biases in the mark recapture methodology. Technical review and coordination is ongoing with USIT staff and WDFW (sub-contractor) for determining next steps in the analysis.
1.12	Develop final report		PLANNED	Final report summarizing cumulative results from trapping seasons 2012 - 2016.	

CHALLENGES AND SOLUTIONS (specific to reporting period)

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

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HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

*25.