



# 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

<b>1. Federal Grant Number</b>	PA-00J912-01	<b>*2a. Reporting Period Start Date:</b>	4/1/2016	<b>*2b. Reporting Period End Date:</b>	9/30/2016
<b>3. Subaward Organization (Name and complete address including zip code)</b>			<b>4. Subaward Project Manager Contact Information</b>		
Name: Lower Elwha Klallam Tribe Address 1: 51 Hatchery Road Address 2: City: Port Angeles State: WA Zip Code: 98363-			Name: Mike McHenry Phone: (360) 457-4012 Ext: 14 Fax: (360) 452-4848 Email: mike.mchenry@elwha.nsn.us		
<b>5a. EPA Program</b>		<b>5b. Subaward Project Title and Contract No.</b>		<b>*6. Collaborating Organizations/Partners</b>	
LO - Tribal		Elwha Floodplain and Fisheries Monitoring Support / 15EPA PSP404		NOAA - Northwest Fisheries Science Center	

<b><u>Subawardee Submission Instructions:</u></b>  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.	<b>LO Project Manager:</b> Dani Madrone <b>LO:</b> NWIFC <b>Phone:</b> 360.528.4318 <b>email:</b> dmadrone@nwifc.org  <b>LO Program Coordinator:</b> <b>LO:</b> <b>Phone:</b> <b>email:</b>  <b>EPA Project Officer:</b> Lisa Chang	<b>*7a. Name/Title of Person Submitting Report</b>	Mike McHenry Habitat Manager
		<b>*7b. Date Report Submitted</b>	5/8/17

## 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:	\$100,136	*10. Amount Reimbursed To-Date:	\$100,136.00
11. Match Amount Required	\$0.00	*12. Total Match Amount Spent and Documented To-Date:	0	*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?		None at this time.					

## BUDGET UPDATE

	15a. APPROVED BUDGET			*15b. SPENT TO-DATE		
	LO (EPA) Funds	MATCH	TOTAL	LO (EPA) Funds	MATCH	TOTAL
Personnel	\$0.00	\$0.00	\$ 0.00			\$ 0.00
Fringe Benefits	\$0.00	\$0.00	\$ 0.00			\$ 0.00
Travel	\$0.00	\$0.00	\$ 0.00			\$ 0.00
Equipment	\$0.00	\$0.00	\$ 0.00			\$ 0.00
Supplies	\$12,064.00	\$0.00	\$12,064.00			\$ 0.00
Contracts	\$100,136.00	\$0.00	\$100,136.00	\$100,136.00	\$0	\$100,136.00
Other	\$0.00	\$0.00	\$ 0.00			\$ 0.00
<b>TOTAL DIRECT CHARGES</b>	\$112,200.00	\$0.00	\$112,200.00			\$ 0.00
Indirect Charges	\$0.00	\$0.00	\$ 0.00			\$ 0.00
<b>TOTAL</b>	\$112,200.00	\$0.00	\$112,200.00			\$ 0.00
*Explain Any Discrepancies:						

## ECOSYSTEM GOALS ADDRESSED

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

## DIRECT THREATS ADDRESSED

17a. Primary Threat	Dams/Levees/Tidegates
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.5.4 A.6.1 A.6.3 A.6.4
18c. Near-Term Actions Supported	A.6.1 STRT 1

## 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	Floodplains Freshwater Quality -----

## PROJECT LOCATION

21a. Latitude	48.001919	21b. Longitude	-123.600197
21c. Hydrologic Unit Code	17110020 - Dungeness-Elwha	-----	-----
21d. Action Area	Strait of Juan de Fuca	-----	-----

## 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.

<b>23a. Subaward Work Plan Component/Task:</b> Elwha Floodplain and Fisheries Monitoring Support					
<b>23b. 2012 Action Agenda Near-Term Action(s) Supported:</b> A.6.1 STRT 1					
<b>*23c. Estimated Costs:</b> <b>Actual Costs to Date:</b> <b>(If required to report – contact your Project Manager)</b>					
23d. Sub-Task No.	23e. Sub-Task Description (include due date)	*23f. Date of Status	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
1.1	Develop QAPP Addendum to cover new tasks, sampling sites, and timeline.	10/31/16	COMPLETED	Approved QAPP Addendum	Previously completed no changes in study plan
1.2	Conduct juvenile distribution monitoring	10/31/16	CURRENT	Juvenile surveys conducted up to four times per year (2015-2016) in new sites in middle and upper Elwha habitats.	Only middle river tributary sites (8) measured in 2016. Repairs necessary to Indian Creek antenna array.
1.3	Conduct habitat condition monitoring	5/8/17	COMPLETED	Habitat conditions measured, including	Side Channel Inventory completed

				width, length, depth, and velocity, wood accumulations, boulder cover, and overhead cover.	
1.4	Analyze data and report results	5/8/17	COMPLETED	Data analysis; final report	Draft manuscript of middle tributaries has been accepted for publication in the Transactions of the American Fisheries Society. Other analysis is ongoing

### CHALLENGES AND SOLUTIONS (specific to reporting period)

*24a. Task No., Sub-Task No.	*24b. Challenge	*24c. Solution
1.2	Lack of access-sites in upper watershed were not accessible in 2016 because of closure of Hot Springs Road (sole access).	Sampling in upper sites delayed until 2017
1.3	Personnel time to conduct monitoring because of conflicting schedules	Side channel surveys delayed until fall-winter of 2016-2017 and completed.
1.2	PIT Antenna array at Indian Creek damaged in winter of 2015-16	Repaired in 2017!

### HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

<p><b>*25.</b>  For the first reporting period planned sampling events were impacted by access and scheduling conflicts. The project manager feels these issues will not impact the overall project which is a long term in nature. Our challenge is to time monitoring events in sequence when fish access habitats in an upstream direction. In 2016 adult salmon have finally gained access to areas above the former Glines Canyon Dam. Our plan is to sample those habitats in 2017 and beyond.</p> <p>For the second reporting period we made significant progress on data analysis and have prepared a manuscript that summarized the response of salmon in Little River and Indian Creek. That manuscript has undergone peer review and will be published in the Transactions of the American Fisheries Society. The other significant accomplishments during the period was the completion of the side-channel reinventory and the replacement of the PIT antenna array at Indian Creek. The side channel inventory was badly needed as the last survey was from prior to dam removal. Since dam removal the river has changed dramatically with many new side channels developing thus necessitating a new survey.</p>
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