



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-00J276-01	*2a. Reporting Period Start Date:	10/1/2018	*2b. Reporting Period End Date:	3/30/2018
3. Subaward Organization (Name and complete address including zip code) Name: Puyallup Tribe of Indians Address 1: 3009 E. Portland Ave. Address 2: City: Tacoma State: WA Zip Code: 98404-			4. Subaward Project Manager Contact Information Name: Char Naylor Phone: (253) 680-5520 Ext: Fax: (253) 680-5525 Email: char.naylor@puyalluptribe.com		
5a. EPA Program LO - Tribal	5b. Subaward Project Title and Contract No. Diru Creek Channel and Bank Restoration Project / 16PSP EPA420	*6. Collaborating Organizations/Partners			

<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>EPA Project Officer: Lisa Chang</p>	*7a. Name/Title of Person Submitting Report	Asst Habitat Mgr Char Naylor
		*7b. Date Report Submitted	6/20/2018

FUNDING/COST ANALYSIS

8a. Total Assistance Amount Awarded:	\$184,100.00	8b. Funding Year (Federal Fiscal Year Funds Appropriated)	FY 2016 ----- ----- -----	*9. Amount Spent To-Date:	\$23,883.00	*10. Amount Reimbursed To-Date:	\$19,993.32
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	\$13,715.00		\$13,715.00	\$13,715.00		\$13,715.00
Fringe Benefits	\$3,505.00		\$3,505.00	\$3,505.00		\$3,505.00
Travel	\$0.00		\$ 0.00			\$ 0.00
Equipment	\$0.00		\$ 0.00			\$ 0.00
Supplies	\$0.00		\$ 0.00			\$ 0.00
Contracts	\$0.00		\$ 0.00			\$ 0.00
Other	\$160,000.00		\$160,000.00			\$ 0.00
TOTAL DIRECT CHARGES	\$0.00		\$ 0.00			\$ 0.00
Indirect Charges	\$6,880.00		\$6,880.00	\$6,663.00		\$6,663.00
TOTAL	\$184,100.00		\$184,100.00	\$23,883.00	\$0.00	\$23,883.00
*Explain Any Discrepancies:	Note: There are currently multiple invoices being processed for payment of our contractor, Natural Systems Design, in our new Microix, digital invoicing system. Next FEATs report will have significant drawdowns for professional services.					

ECOSYSTEM GOALS ADDRESSED

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

DIRECT THREATS ADDRESSED

17a. Primary Threat	Development
17b. Secondary Threat(s)	Development Climate Change -----

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

18a. Primary Strategic Initiative	Tribal Habitat Priorities
18b. Sub-Strategies Employed	A.2.1 A.2.2 A.5.3 B.6 C.1-2
18c. Near-Term Actions Supported	A.2.1 SC2 A.6.1 SC3 A.5.4.4

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	Freshwater Quality
20b. Secondary Indicators	-----

PROJECT LOCATION

21a. Latitude		21b. Longitude	
21c. Hydrologic Unit Code	17110014 - Puyallup	-----	-----
21d. Action Area	South Central Puget Sound	-----	-----

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: Diru Creek Channel and Bank Stabilization - Engineering Design					
23b. 2012 Action Agenda Near-Term Action(s) Supported: A.2.1 SC2					
*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	Retain contractor, and develop statement of work and contract for Tribal Council and Contractor Signature	3/31/2018	CURRENT	Retention of contractor; Completion of Statement of work; Signed contract; Completion of engineering plans; Completion of technical studies (1D Hydraulic model, sediment	An initial contract with Natural Systems Design was signed by Tribal Council in Sept 2016 using funds from other sources but are included here for background only. The contract was in the amount of \$35K to do a survey of bank and channel conditions of Diru Creek and develop initial

				<p>quantification, basis of design report; Completion of permitting package; Engineering plans, specifications, and costs estimates for 60%, 90% design levels; Basis of design report with hydraulic model results.</p>	<p>conceptual design of a project extending 1,800 lineal feet upstream of the tribe's hatchery. The project is intended to protect the tribe's hatchery water supply from excess sediments clogging intake to water supply. For reference purposes only, we have attached the initial contract for reference. No funds were drawn from this funding source with regard to this contract. We are also attaching the assessment report that was completed as a result of the survey for background only. Working with the Contractor, NSD, we completed a new scope of work and budget for continuing engineering design work at the 60% and 90% level for this submittal.</p>
1.2	<p>Provide project oversight, including coordination with Pierce County, the Corps of Engineers, WDFW, and others during all phases of the project. The Tribe will be coordinating all data with Pierce County as Pierce County plans to build this project. Pierce County will be helping to survey project features to inform the engineering design and construction, and helping with permitting.</p>	3/31/2018	PLANNED	<p>Key tasks completed (or % of project completed and project coordination and communication) and budget used will be documented according to the executed contract; Project FEATs summary report(s), detailing survey effort and incorporation of survey results in engineering plans (at 60% and 90% level identified above).</p>	<p>The Contractor, Natural Systems Designs, did another site visit in the spring of 2018 to field verify their previous findings for bank and channel erosion. Generally, they found more erosion, especially in the high priority areas that were previously denoted on maps in the initial field assessment. For reference purposes, we have included the initial field assessment, 30% design, and construction cost estimate. This springs site visit was mainly to assess access, staging, and refine construction methods. Wetland presence was also noted in the field visit. Currently, development of 60% design drawings, and 60% vegetation plans and drawings is underway. A Basis of Design Memo is also being developed.</p>

					Estimation of material quantities for permitting purposes is also being developed. Pierce County is using these quantities to develop draft permits. (i.e JARPA to COE for NW 27 Permit, Pierce County, No Effects Letter for Fish Enhancement Project, HPA to WDFW). Pierce County's survey group has been asked to survey cross-section erosion sites, locate wetland flags, profile creek and provide cross sections at 50' intervals 30' up each bank, locate significant figures, and provide lidar topography outside of cross-sectioned areas. Staging and access maps are also included in this submittal.
1.3	Review draft project deliverables including basis of design report, modeling and sediment quantification results, plans and specifications, cost estimates, surveying, and permitting applications. Provide to contractor and Pierce County for integration into final deliverables. Coordinate County, agency and other (adjacent land owner) comments with the contractor.	3/31/2018	PLANNED	Complete all necessary technical reviews of deliverables and coordinate with County, agencies, adjacent landowners so project goals are achieved;Project FEATs summary report(s), detailing major revisions of deliverables (i.e. engineering plans, specs) based on comments from the Tribe and County	See above - we expect the 60% design at the end of June or July with the basis of Design Report. This is a collaborative project with the County, also to provide technical assistance to the county in designing and engineering, permitting and developing reliable cost estimates for construction. The County will construct the project as part of their sediment TMDL obligations in the Clarks Creek watershed. The tribe also has put tribal dollars toward construction. However, the County did not get a grant to fund a portion of the project, so all construction dollars have not been secured yet.
1.4	County, agency, adjacent landowner, coordination and meeting facilitation. One site visit and at least 2 project meetings with the Tribe and possibly stakeholders to discuss project site conditions, and reviews of 30% and 60% design submittals.	3/31/2018	PLANNED	At least 2 additional project meetings will be completed to discuss site conditions, hydraulic, sediment quantification and basis of design work,	We regularly talk on the phone and email with NSD and County partners. We also had one web conference to discuss access and staging issues, the county survey work, and estimating excavation and fill quantities and area of

				inundated bank treatments, survey work and draft engineering plans, and permitting applications; Project FEATs summary report(s), detailing site visits and meetings. 90% engineering designs will reflect tribal and county comments.	impact below the ordinary high water mark for the purposes of developing permits.
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CHALLENGES AND SOLUTIONS (specific to reporting period)

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

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

***25.**
 Challenges continue to be finding full funding for construction of these bank and channel stabilization projects. We will continue to work this year to completely fund construction.