



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:	3/31/2018
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. Emmons and Hewel Property Acquisition / 15PSP 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	Char Naylor Asst Director Habitat/WQ Manag
		*7b. Date Report Submitted	7/3/2018

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:	\$13,200.00	*10. Amount Reimbursed To-Date:	\$13,200.00
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	\$8,155.00		\$8,155.00	\$8,155.00		\$8,155.00
Fringe Benefits	\$2,115.00		\$2,115.00	\$2,115.00		\$2,115.00
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	\$99,000.00		\$99,000.00			\$ 0.00
TOTAL DIRECT CHARGES	\$0.00		\$ 0.00			\$ 0.00
Indirect Charges	\$2,930.00		\$2,930.00	\$2,930.00		\$2,930.00
TOTAL	\$112,200.00		\$112,200.00	\$13,200.00		\$13,200.00
*Explain Any Discrepancies:						

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)	Invasive Species - Terrestrial Onsite Sewage Systems -----

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: Emmons and Hewel Property Acquisition (Cancelled) - SWAN CREEK DESIGN & ENGINEERING					
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	Property Acquisition: Purchase price will depend on appraisal and tax assessed value; Appraisal by contract; Title search by tribal staff; Survey by contract; Phase I Assessment by contract; Purchase and sale agreement by tribal staff; Deed and title transfer completed by tribal staff.	Aug 2017	CANCELLED	Final documents procured (appraisal, survey, title report, title insurance, deed) and land transferred to the Tribe.	The proposed 6 acre waterfront parcel to be acquired with these monies and situated on South Prairie Creek at 16213 South Prairie Creek Rd was purchased by a private landowner Rick Pfingsten before grant funds were available under contract. See attached assessor records and

					realtor documents confirming prior purchase of the property noted above. See 24 a,b,c for additional discussion and remedy.
1.2	Removal of invasive weeds (i.e. Himalayan blackberry, Japanese knotweed) by Washington Conservation Corps by Contract	Aug 2017	CANCELLED	Invasive weeds are removed, cessation of dispersal downstream, 6.16 acres free of invasive weeds.	
1.3	Decommission Septic Tank: Contractor will pump septic tank and fill in place.	Aug 2017	CANCELLED	One septic tank removed..	

23a. Subaward Work Plan Component/Task: Swan Creek Channel and Bank Stabilization - Engineering Design

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	Site walk: The contractor, in collaboration with the Tribe, will conduct site walk on the Upper and Lower Valley reaches of Swan Creek (attached Figures). The site walk effort will include review of existing information and a 2-day field effort to identify key sources and types of sediment originating in the project reach, incorporating and updating the sediment sources identified in the existing GeoEngineers assessment report. CONTRACTOR will identify and describe the reach-based causes and specific mechanisms of slope failure, channel instability, and disequilibrium within the surveyed reach. Field photos will be collected along the site walk identifying channel and bed form features, including but not limited to, channel geometry, hillslope morphology, geologic units, wood	7/3/18	BEHIND SCHEDULE	<ul style="list-style-type: none"> •Locations of instability flagged on each site, with summary list of all sites. •Maps of the erosion sites, likely presence of wetland areas (if any), property boundaries and proposed project limits. •A technical memorandum (4-6 pgs. plus key photographs in appendix) documenting existing site conditions based on review of existing information and site visit. Existing hydrology will be summarized. All photos and field notes from the site walk will be 	During this period, we have been revising the scope of work and budget, meeting with Pierce County on the scope for coordination with their experts on additional survey work, permitting help and coordination, and most importantly vetting the project with their management to try and get construction dollars in their capital projects queue. Currently, Pierce County has said they don't have capital dollars in the near term to construct this project. The tribal manager for the project, Char Naylor, has been discussing this issue with our Fisheries Director for the purposes of the decision to move forth with design and engineering now and finding new partners (i.e Metro Parks who are property

	recruitment, slope stability, bed and bank materials, and vegetation.			included as appendices in the technical memorandum.	owners in the watershed), and potentially the Port of Tacoma who has completed extensive mitigation (off-channel habitat restoration- hare wetland complex) in lower Swan and Clear Creek. Next steps will be to complete the contract amendment package with the revised scope of work, schedule, and budget. In addition to contract documents, and meetings with Pierce County, we have also been updating our internal bibliography regarding technical documents on Swan Creek from Pierce County and others, including obtaining HEC-RAS modeling files. The revised scope of work, schedule and budget and bibliography are attached for reference.
1.2	Conceptual design: The contractor will collaborate with the Tribe to refine project objectives and design criteria based on key findings from Task 1. Ability of the project to provide long-term stability and cost will be considered as well as habitats which could benefit from stabilization strategies, and the duration and extent of disturbance during construction. Preliminary concept designs will be developed identifying a conceptual approach to reduce sediment inputs to as close as pre-development levels as feasible, focusing on addressing the fundamental mechanisms causing sediment inputs: i.e.: bank erosion / landslides / channel incision from increasing peak flows etc.			<ul style="list-style-type: none"> •Base map showing existing conditions and plan view drawings of conceptual designs •Meet with CONTRACTOR, Tribe and stakeholders to review conceptual designs •Brief write-up (2-3 pgs.) summarizing: (1) conceptual design alternatives with preferred alternative, (2) design criteria for the preferred project elements, and (3) feasibility of hand and machine methods •Preliminary cost estimate 	
1.3	30%, 60%, and 90% design plans, specifications, and cost estimates: The			•30%, 60%, and 90% design plans, special	

	<p>preferred designs will be developed by the CONTRACTOR to a 30% level based on input from the Tribe on the preferred alternative(s). Topographic survey data will be performed by the County in priority design locations. CONTRACTOR will refine the LiDAR surface by adding the detailed topographic survey data. For each site, a 1-D HEC-RAS model will be developed using the refined topographic surface to predict the range of depths, velocities and shear forces expected for each treatment reach. These results will be contrasted with the expected stability of existing bed and bank materials to identify which areas are likely to be aggrading, stable or degrading to refine placements and sizing of bed and bank stabilization structures. Lateral extents of structures and material quantities will be identified as well as construction technique (hand or machine) with associated access and material delivery routes. Structure stability analysis will be performed for the proposed project elements at the 100-yr flow.</p>			<p>provisions and cost estimate in electronic format (PDF) sized for 11"X17". Hard copies and/or CAD files will be provided as desired.</p> <ul style="list-style-type: none"> •Quantities and description of activities sufficient to be used by others to obtain permits •Brief Basis of design report (6-8 pages) that summarizes project background; goals and objectives; site walk; concept design development; hydrologic, hydraulic, geomorphic, and sediment transport analyses; planting plan; design development; construction considerations; and summary of stakeholder communications. This report will draw as needed from memoranda produced as parts of earlier tasks. 	
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CHALLENGES AND SOLUTIONS (specific to reporting period)

*24a. Task No., Sub-Task No.	*24b. Challenge	*24c. Solution
1.1 Property Acquisition	Property previously acquired by private party, prior to funding being available by the Tribe.	Project has been rescoped.

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

*25.

A letter of intent or some other mechanism to lock in acquisition of the property before grant dollars are in hand, if at all possible, would be advantageous.