



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: Snoqualmie Indian Tribe Address 1: 8130 Railroad Ave. Ste. 103 Address 2: City: Snoqualmie State: WA Zip Code: 98065-			4. Subaward Project Manager Contact Information Name: Cindy Spiry Phone: (425) 292-249 Ext: Fax: (206) 384-6588 Email: cindy@snoqualmiation.com		
5a. EPA Program LO - Tribal	5b. Subaward Project Title and Contract No. Lake Sammamish Native Kokanee Habitat Project and Kimball Creek Restoration Phase III / 15EPA PSP446	*6. Collaborating Organizations/Partners City of Sammamish, Kokanee Work Group, Private Landowner, Trout Unlimited			

<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: Northwest Indian Fisheries Commission Phone: 360.528.4318 email: dmadrone@nwifc.org</p> <p>EPA Project Officer: Lisa Chang</p>	*7a. Name/Title of Person Submitting Report	Cindy Spiry ENR Director
		*7b. Date Report Submitted	4/30/2018

FUNDING/COST ANALYSIS

8a. Total Assistance Amount Awarded:	\$122,200.00	8b. Funding Year (Federal Fiscal Year Funds Appropriated)	FY 2015 ----- ----- -----	*9. Amount Spent To-Date:	\$28,538.90	*10. Amount Reimbursed To-Date:	\$21,417.13
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?	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	\$41,320.00	\$0.00	\$41,320.00	\$9,582.49		\$4,311.25
Fringe Benefits	\$12,446.00	\$0.00	\$12,446.00	\$3,420.99		\$3,420.99
Travel	\$0.00	\$0.00	\$ 0.00			\$ 0.00
Equipment	\$1,500.00	\$0.00	\$1,500.00			\$ 0.00
Supplies	\$28,129.00	\$0.00	\$28,129.00	\$9,948.21		\$9,948.21
Contracts	\$0.00	\$0.00	\$ 0.00			\$ 0.00
Other	\$0.00	\$0.00	\$ 0.00			\$ 0.00
TOTAL DIRECT CHARGES	\$83,395.00	\$0.00	\$83,395.00	\$22,951.69		\$22,951.69
Indirect Charges	\$28,805.00	\$0.00	\$28,805.00	\$5,587.21		\$5,587.21
TOTAL	\$112,200.00	\$0.00	\$112,200.00	\$28,538.90		\$28,538.90
*Explain Any Discrepancies:						

ECOSYSTEM GOALS ADDRESSED

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

DIRECT THREATS ADDRESSED

17a. Primary Threat	Invasive Species - Terrestrial
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.5.1-4 A.6.1 A.6.4 B.5.3 C.9.1
18c. Near-Term Actions Supported	

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	Floodplains
20b. Secondary Indicators	Wild Chinook Salmon -----

PROJECT LOCATION

21a. Latitude	47.567324	21b. Longitude	-121.888727
21c. Hydrologic Unit Code	17110010 - Snoqualmie	-----	-----
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")
Area restored by removing non-native invasive plant species	acres	7	5
Area of buffer restored with native vegetation	acres	7	1.5
Native trees and shrubs planted	#	8000	2,580
Length of streambank regraded and stabilized	length	1000	750
Volunteer events completed	#	3	0

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: Lake Sammamish Native Kokanee Habitat Restoration Project					
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	Project Management: Finalize buffer enhancement/site revegetation plan and submit to the landowner, Mr. Pereyra for review and approval. Obtain any necessary permits for removing invasive plant species within wetland and stream channel. Coordinate and participate in project related meetings. Notify landowner prior to planned restoration activities and volunteer events. Hold monthly staff meetings to	3/31/18	CURRENT	Landowner approval of site restoration plan; Reports submitted to NWIFC; Staff/crew informed, supervised and trained; Local and/or state permit approval Planting Plan; GIS Maps; Photo	Planning & coordination with City of Sammamish and private landowner continues. Tribe and City are working to finalize a MOU agreement for the project. Federal, state and local permit applications for all phases (fish passage, channel reconstruction, revegetation) are under review and near approval. Fish passage and channel construction portion

	discuss/manage project. Prepare and submit semi-annual and final grant reports			Documentation; Meeting Notes	of project is on schedule for this summer. Main riparian revegetation efforts will occur beginning in fall 2018.
1.2	Noxious Weed Control: Record infestations of non-native plant species using GPS hardware and GIS software. Clear, cut and hand remove blackberry and nightshade using gas powered brush cutters and hand tools. Treat re-growth of blackberry and other invasive as necessary with approved aquatic herbicide	3/31/18	CURRENT	At least 3 acres of target invasive plant species identified, removed and controlled GIS Maps; Photo Documentation	A contracted WCC Crew helped clear mature non-native blackberry from an additional .5 acre area located within the the north side buffer area where constntruction access for the channel work will occur. In total, 2.3 acres of invasve blackberry has been cleared thus far from the creek buffer corridor.
1.3	Riparian Planting: Reference historical and current vegetation communities in determining planting plan for forested wetland and understory planting. Plant a variety of native tree, shrub and groundcover species suitable for the current soil, hydro, canopy and exposure conditions.	3/31/18	CURRENT	3 acres of riparian forested wetland buffer planted and enhanced; Min. of 3,000 native tree, shrub and groundcover species installed including shade tolerant conifer species (cedar and hemlock). Planting Plan, Photo Documentation, Monitoring Data	Installed 220 native trees and shrubs in south buffer area on Pererya property where invasive blackberry was previously cleared. This area is upstream from where channel construction work will occur.
1.4	Community Outreach: Host a minimum of three volunteer planting, maintenance and education events focusing on involving local schools, citizens, community groups, Tribal Members and partners.	3/31/18	PLANNED	A min. 100 adult and youth volunteer participants will contribute 350 hrs. helping to plant & maintain project. Photo Documentation; Sign-In Sheets; Press Releases; Media Coverage; Newsletters; PowerPoint Presentation	Volunteer planting events will be held beginning in fall 2018. A summer volunteer maintenance event may also be held to perform noxious weed control (hand removing ivy and grubbing blackberry)
1.5	Monitoring and Maintenance: Create and submit QAPP Addendum for Site Vegetation Monitoring. Set-up baseline, transects and photo points for annual	3/31/18	CURRENT	Maintain site 2-3 times per year in years 1-3; 80% or greater plant	Received approved Vegetation Monitoring QAPP from EPA.

	vegetation monitoring. Perform annual vegetation monitoring. Conduct upstream survey to identify and assess any sediment sources, addl. fish passage issues and confirm habitat conditions. Complete regular maintenance of buffer plantings to ensure site performance/plant survival rates. Maintenance activities will include: invasive plant control (mowing) & weed suppression, browse protection, watering and mulching, plant replacement.			survival achieved after 3rd year. Photo Documentation; Monitoring Data; GIS Maps	
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23a. Subaward Work Plan Component/Task: Kimball Creek Restoration Phase III

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
2.1	Project Management: Finalize restoration site plan for weed removal, bank regrading and native planting and submit to landowner for approval. Submit streamlined JARPA with fish habitat exemption to state WDFW and King County for HPA review and approval. Hold monthly staff meetings to discuss and manage project. Prepare and submit semi-annual and final grant reports	3/31/18	CURRENT	Landowner approval obtained; HPA approval; Reports submitted to NWIFC; Staff/crew informed, supervised and trained Channel Design; Planting Plan; GIS Maps; Photo Documentation	Bank stabilization and revegetation site plans for Tate and Bacon properties completed. Following completion of bank reshaping in September 2017, an issue arose with private landowner (Bacon) and revegetation for the buffer area on that property is now on hold indefinitely (see challenges/solutions below). Working on revegetation plan for third property (Moser).
2.2	Noxious Weeds Control: Clear, cut and mow mature blackberry and reed canary grass using mowing equipment, gas powered brush cutters and hand tools. Treat re-growth of blackberry and reed canary grass with approved aquatic herbicide	3/31/18	CURRENT	Min. 4 acres of non-native invasive plant species removed & controlled GIS Maps; Photo Documentation	Non-native blackberry and reed canary grass has been completely cleared and chemically treated at least once on two buffer properties (Tate & Bacon). Some clearing has occurred on third property (Moser) with remaining

					clearing to occur during early summer 2018, followed by treatment in late summer.
2.3	Streambank Regrading: Contract with a qualified heavy equipment operator to pull back steep vertical cut banks to a gentler slope per WDFW Streambank and Habitat Restoration Guidelines.	3/31/18	COMPLETED	An est. 1,000 linear feet of stream bank regraded to a gentler slope. Photo Documentation; As-built drawings and maps	Aprx. 750 linear feet of streambank was regraded on Tate and Bacon properties in Sept. 2017. Bank reshaping and buffer areas completed will be remeasured and updated in GIS.
2.4	Riparian Planting: Plant a variety of native tree, shrub and groundcover species suitable for the current soil, hydro, canopy and exposure conditions.	3/31/18	CURRENT	Establish multi-layer forested canopy layer creating at least 4 acres of native riparian buffer area; Plant a minimum of 5,000 native trees and shrubs consisting of 12 different native deciduous and coniferous tree species and 18 varieties of multi-layer shrub species. Photo Documentation; As-built drawings, maps, revegetation plan	Tate property buffer area along right bank was planted during winter 2017-18. A total of 2,360 native trees and shrubs were installed along 1,000 linear feet of regraded bank within an average buffer width of 35 feet totaling aprx. 1 acre. Contracted WCC Crews assisted with site revegetation efforts.
2.5	Monitoring & Maintenance: Create and submit QAPP Addendum for Site Vegetation Monitoring. Set-up baseline, transects and photo points for annual vegetation monitoring. Perform annual vegetation monitoring. Maintain buffer plantings to ensure site performance/plant survival rates. Maintenance activities will include: invasive plant control, browse protection, watering and mulching, plant replacement.	3/31/18	CURRENT	Maintain site 2-3 times per year in years 1-3; 80% or greater plant survival achieved after 3rd year. Photo Documentation; Monitoring Data	Installed elk browse deterrent caging around conifer trees on Tate buffer planting. Received approved Vegetation Monitoring QAPP from EPA. Vegetation monitoring and site maintenance will occur during summer.

CHALLENGES AND SOLUTIONS (specific to reporting period)

*24a. Task No., Sub-Task No.	*24b. Challenge	*24c. Solution
2.1 & 2.4	Unforeseen change in cooperation with private landowner (Bacon). Landowner began becoming difficult to work with towards end of bank reshaping project and ultimately changed mind about having the buffer planting completed but didn't provide specific reasons for changing mind.	Attempted to discuss situation proactively with landowner and address any issues or concerns that may exist. Landowner stopped communicating following attempts to communicate and resolve the situation. Are leaving the landowner along for a period and intend to try and contact again when timing seems right. Securing the third landowner (Moser) will allow us to move forward towards achieving scope and deliverables. We're hopeful that Bacon will come around and decide to work with us again.

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

*25.
