



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:	10/1/2018	*2b. Reporting Period End Date:	3/31/2019
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. Snoqualmie & Sammamish Stewardship Action Project / 14EPA PSP446	*6. Collaborating Organizations/Partners King County Parks, Stewardship Partners, Mountains to Sound Greenway Trust		

<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	4/30/2019

FUNDING/COST ANALYSIS

8a. Total Assistance Amount Awarded:	\$112,450.00	8b. Funding Year (Federal Fiscal Year Funds Appropriated)	FY 2014 ----- ----- -----	*9. Amount Spent To-Date:	\$112,450.00	*10. Amount Reimbursed To-Date:	\$98,188.23
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?		The total award amount has been spent. However, the expense report does not yet reflect all of the charges. We will have exceeded the Personnel/Salaries budgeted amount by more than 10% of the total award. We would like to request a budget modification. Do we need an amendment prior to completing the closeout report?					

BUDGET UPDATE

	15a. APPROVED BUDGET			*15b. SPENT TO-DATE		
	LO (EPA) Funds	MATCH	TOTAL	LO (EPA) Funds	MATCH	TOTAL
Personnel	\$41,100.00	\$0.00	\$41,100.00	\$46,153.83		\$46,153.83
Fringe Benefits	\$13,152.00	\$0.00	\$13,152.00	\$16,482.67		\$16,482.67
Travel	\$0.00	\$0.00	\$ 0.00			\$ 0.00
Equipment	\$2,500.00	\$0.00	\$2,500.00			\$ 0.00
Supplies	\$26,830.00	\$0.00	\$26,830.00	\$14,905.68		\$14,905.68
Contracts	\$0.00	\$0.00	\$ 0.00			\$ 0.00
Other	\$0.00	\$0.00	\$ 0.00			\$ 0.00
TOTAL DIRECT CHARGES	\$83,582.00	\$0.00	\$83,582.00	\$77,542.18		\$77,542.18
Indirect Charges	\$28,868.00	\$0.00	\$28,868.00	\$20,646.05		\$20,646.05
TOTAL	\$112,450.00	\$0.00	\$112,450.00	\$98,188.23		\$98,188.23
*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	B.5.3 SNST12

LINKAGES TO EPA PUGET SOUND PERFORMANCE MEASURES

19. Measure(s)	Habitat Restored/Protected -----
-----------------------	----------------------------------

LINKAGES TO PUGET SOUND DASHBOARD INDICATORS

20a. Primary Indicator	Floodplains
20b. Secondary Indicators	Wild Chinook Salmon -----

PROJECT LOCATION

21a. Latitude	47.638630	21b. Longitude	-121.924718
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	13	11.7
Area or riparian buffer restored with native vegetation	acres	11	10
Native trees and shrubs planted	#	15000	12,941
Number of large woody debris pieces installed	#	10	0
Volunteer events completed	#	6	6
Interpretive signage created and posted onsite	#	2	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: Tolt MacDonald Park Riparian Habitat Restoration					
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 restoration site revegetation plan and submit to King County DNRP (landowner) for review and approval; Notify King County DNRP prior to planned restoration activities and volunteer events; Hold monthly staff meetings to discuss/manage project; Prepare and submit semi-annual and final grant reports	3/31/19	COMPLETED	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	April 2019 - FEATS Report submitted.

				Documentation; Meeting Notes; PowerPoint Presentation	
1.2	Noxious Weed Control: Record current infestations of non-native plant species using GPS hardware and GIS software; Clear, cut and mow mature blackberry, reed canary grass using heavy mowing equipment, gas powered brush cutters and hand held tools; Treat re-growth of blackberry and reed canary grass with approved aquatic herbicide; Hand pull and grub blackberry; Re-treat small infestation of Japanese knotweed and hand remove small plot of English Ivy identified in project area near confluence of Snoqualmie and Tolt Rivers.	3/31/19	COMPLETED	At least 10 acres of target invasive plant species identified, removed and controlled GIS Maps; Photo Documentation	Noxious weed control work is ongoing as part of maintenance.
1.3	Riparian Planting: Reference current and historical vegetation communities in determining planting plan for additional buffer creation and understory planting; Plant a variety of floodplain tolerant native tree, shrub and groundcover species that are suitable for the current soil, hydro, canopy and exposure conditions.	3/31/19	COMPLETED	Min. 6 acres of riparian forest buffer created and understory enhanced; Min. of 7,500 native plants installed including 12 different deciduous and conifer species 19 different shrub species Planting Plan, Photo Documentation, Monitoring Data	Winter 2019 -- Plant replacement was completed to offset beaver damage that occurred on the lower and middle portion of the site in fall 2018. Alder and cottonwood were installed along with other native trees and shrub species. Total plant replacement and supplementation = 1,541. We are planning to purchase and install wetland emergent species in late spring along the shoreline areas of the side channel and wetland pond. This may also include planting experimental caged plots of Wapato on the edges of the pond.
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. Design, create and install interpretive signage describing the project and the cultural	3/31/19	COMPLETED	A min. 100 adult and youth volunteer participants will contribute 350 hrs. helping to plant & maintain project; 1 interpretive sign visibly posted	April 2019 - Volunteer events completed. Due to the looming grant deadline and lack of staff capacity we've won't be able to create or install the one interpretive sign that had been planned.

	significance of the area (see attached example). Host one project tour with local stakeholders and partners.			Photo Documentation; Press Releases; Newsletters; PowerPoint Presentation	
1.5	Monitoring and Maintenance: Create and submit QAPP for Veg Monitoring; Set-up baseline, transects and photo points for annual vegetation monitoring; Perform annual vegetation monitoring; 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.	3/31/19	COMPLETED	Maintain site 2-3 times per year in years 1-3; 80% or greater plant survival achieved after 3rd year. Approved QAPP Addendum; Photo Documentation; Monitoring Data	April 2019 - Site maintenance was completed during late winter 2019. Wire mesh fencing was installed in areas where beaver browse has been occurring and plant protectors were removed from taller established trees and shrubs and re-used. Quantitative vegetation survival monitoring will be completed in June 2019 under FY 17 funding.

23a. Subaward Work Plan Component/Task: Sammamish River Corridor Habitat Enhancement - Reach 4					
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 Mgmt: Contract w/qualified fisheries habitat engineer to finalize design and plans for off-channel wetland enhancement and wood structure placement. Complete planting plan for river bank and wetland buffer areas. Finalize restoration site plan package and submit to King County DNRP (landowner) and ACOE for review and approval. Submit streamlined JARPA along with Fish Habitat Enhancement Exemption concurrently to WDFW, ACOE, King County, WA DOE for review and	3/31/19	COMPLETED	Landowner & permit approval obtained Environmental permits obtained Reports submitted to NWIFC Staff/crew informed, supervised and trained. Habitat design, planting plan, GIS maps, photo documentation, Power Point Presentation	Continued coordination with King County Parks, Trails and River & Floodplain Management Sections. After 3 months additional delay, we finally received approval to proceed with our project in late November 2018 from both King County and the Army Corps of Engineers

	approval. Notify King County DNRP prior to planned restoration activities and volunteer events. Hold monthly staff meetings to discuss and manage project. Prepare and submit semi-annual and final grant reports				
2.2	Noxious Weeds Control: Clear, cut and mow mature blackberry and reed canary grass using heavy mowing equipment, gas powered brush cutters and hand tools. Treat re-growth of blackberry and reed canary grass with approved aquatic herbicide.	3/31/19	CANCELLED	Min. 3 acres of non-native invasive plant species removed & controlled. GIS Maps; Photo Documentation	
2.3	Riparian/Aquatic Restoration: Remove/scrape off existing reed canary grass mat from small pocket wetland, shape and regrade soils to create varying topographic and habitat features. Placement of vertical and horizontal habitat structure, anchor large and small woody debris in the wetland and along the channel edge of the main river to provide cover for adult and juvenile salmon and other wildlife. Plant a variety of native herbaceous wetland species (sedges, rushes). Amend soil conditions on a more disturbed portion of the upper bank planting area and increase tree and shrub planting density over entire restoration area.	3/31/19	CANCELLED	Min.10 pieces of LWD placed. Min. 7,500 native trees, shrubs and groundcover species installed and 5 acres of riparian buffer created. Planting plan, site plan, photo documentation, monitoring data.	Multiple delays in coordination, planning and permitting during the course of this project have prevented riparian planting from occurring within the original project implementation timeline. Fall planting was scheduled for early November 2018, but had to be cancelled due to not receiving final approval to proceed from King County and the ACOE until the end of November. Site planting was also planned/scheduled for February 2019 but had to be cancelled due to snow and cold weather for more than 3 weeks. 2 scheduled volunteer planting events, 1 in November 2018 and one in February 2019 had to be cancelled as well. We plan to complete planting beginning in fall 2019 utilizing King County funding that we have remaining.
2.4	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.	3/31/19	CANCELLED	A min. 100 adult and youth volunteer participants will contribute 400 hrs. helping to plant & maintain project. 1	See riparian planting comments above.

	Design, create and install interpretive signage describing the project and the cultural significance of the area (see attached example). Host one project tour with local stakeholders and partners.			interpretive sign visibly posted. Photo Documentation, Press Releases, Newsletters, Power Point Presentation	
2.5	Monitoring & Maintenance: Create and submit QAPP for Veg Monitoring. Set-up baseline, transects and photo points for annual vegetation monitoring. Perform annual vegetation monitoring. 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.	3/31/19	CANCELLED	Maintain site 2-3 times per year in years 1-3; 80% or greater plant survival achieved after 3rd year. Approved QAPP addendum, Photo Documentation; Monitoring Data	

CHALLENGES AND SOLUTIONS (specific to reporting period)

*24a. Task No., Sub-Task No.	*24b. Challenge	*24c. Solution
1.3 & 1.5	Site herbivory from beaver and deer	Installed temporary beaver exclusion fencing and taller plant protectors to minimize deer browse.

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

<p>*25. Despite the site challenges with herbivory, the Tolt MacDonald Park Project buffer is establishing well. This is due in part to us keeping an active eye on the site and completing maintenance regularly.</p>

Dissappointing and frustrating to have not been able to accomplish more for the Sammamish River Project. We've requested a time extension for our matching King County Grant, which will allow us to continue working on the project and implement planting beginning next fall. This will allow us to complete much of the original planting that was planned and to achieve the overall measures of success for area planted and restored.