



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. 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	4/30/2018

FUNDING/COST ANALYSIS

8a. Total Assistance Amount Awarded:	\$122,450.00	8b. Funding Year (Federal Fiscal Year Funds Appropriated)	FY 2014 ----- ----- -----	*9. Amount Spent To-Date:	\$66,085.00	*10. Amount Reimbursed To-Date:	\$61,707.10
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?	<p>Would like to see about the possibility of getting another time extension for the Sammamish River Project.? Currently, the project end date is 9/30/2017. We started this workplan project a year late due to having to wade through the EPA buffer exemption process before submission and approval of the proposal. Per previous reporting and my explanation below, we've also experienced several unanticipated delays in the coordination and planning process which has also slowed progress down. Finally, we've made some headway with King County (landowner) and are now on track to move the riparian buffer project forward with the main planting efforts slated to occur beginning in the fall of 2018. A time extension to the end of April 2019 would be ideal and would allow us enough time to complete all of the planting within the scope of work.</p>						

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	\$32,322.95		\$32,322.95
Fringe Benefits	\$13,152.00	\$0.00	\$13,152.00	\$11,316.85		\$11,316.85
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	\$8,224.21		\$8,224.21
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	\$51,864.01		\$51,864.01
Indirect Charges	\$28,868.00	\$0.00	\$28,868.00	\$14,220.99		\$14,220.99
TOTAL	\$112,450.00	\$0.00	\$112,450.00	\$66,085.00		\$66,085.00

*Explain Any Discrepancies:	
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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 -----
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LINKAGES TO PUGET SOUND DASHBOARD INDICATORS

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

PROJECT LOCATION

21a. Latitude	47.638630	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	9.5
Native trees and shrubs planted	#	15000	11,400
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	3/31/18	CURRENT	Landowner approval of site restoration plan; Reports submitted to NWIFC; Staff/crew informed, supervised	Coordination with King County Parks and other partners is ongoing. Discussing the potential of hosting 2 more volunteer events at the site, one

	planned restoration activities and volunteer events; Hold monthly staff meetings to discuss/manage project; Prepare and submit semi-annual and final grant reports			and trained; Local and/or state permit approval Planting Plan; GIS Maps; Photo Documentation; Meeting Notes; PowerPoint Presentation	maintenance event during late spring and one planting event in the fall.
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.	3/31/18	CURRENT	At least 10 acres of target invasive plant species identified, removed and controlled GIS Maps; Photo Documentation	Over 11 acres of target non-native noxious weed species (blackberry, reed canary grass, knotweed, holly and ivy) have been cleared and controlled in existing deciduous forest understory as well as open buffer areas since the beginning of the project. Noxious weed mapping and weed control/treatment is ongoing.
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.	3/31/18	CURRENT	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	Over 10 acres of buffer area has been planted thus far with approximately 11,400 native plants. The total area planted was updated via GPS and GIS mapping.
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	3/31/18	CURRENT	A min. 100 adult and youth volunteer participants will contribute 350 hrs. helping to plant & maintain project; 1	A total of 6 volunteer planting events have been held since the project began including an event held in Nov. 2017. Thus far, 200 volunteers have contributed 760 hours helping to plant and maintain the project site.

	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; 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.	3/31/18	CURRENT	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	Site maintenance completed included some plant replacment, mowing and installation of plant protectors (plastic tubes and wire caging).Received approved Vegetation Monitoring QAPP from EPA (will/can send as attachment).

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	3/31/18	BEHIND SCHEDULE	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	After additional discussion and site visits with staff from three different divisions of King County, the riparian planting plan was revised and re-submitted to King County Rivers Division and the Corps for final approval. A cultural resource survey will be completed by King County Parks by early summer.

	concurrently to WDFW, ACOE, King County, WA DOE for review and 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.	3/31/18	CURRENT	Min. 3 acres of non-native invasive plant species removed & controlled. GIS Maps; Photo Documentation	Site mowing will occur May to early Jun 2018.
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.	3/31/18	CURRENT	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.	After further consideration we have decided not to implement the off channel enhancement and wood structure placement element of the project. The main reasons are multiple delays in coordination and planning with King County; and also re-evaluating the cost benefit considering the smaller scale of the work area and lengthy review/permit process that would ensue. Riparian restoration plans are finally moving forward with the focus on implementing site planting in fall and early winter 2018.
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. 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.	3/31/18	BEHIND SCHEDULE	A min. 100 adult and youth volunteer participants will contribute 400 hrs. helping to plant & maintain project. 1 interpretive sign visibly posted. Photo Documentation, Press Releases,	Volunteer events will be scheduled for fall and winter 2018 to spring 2019. Design for the interpretive signage will begin in early summer. We're planning to partner with Mid-Sound Fisheries Enhancement Group to assist us with implementing the volunteer planting events. Mid-Sound has a riparian site just downriver from where the Tribe's project reach is.

				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.	3/31/18	PLANNED	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	Maintenance will occur on the Tribe's original .5 acre planting area during spring and summer. Vegetation monitoring for this area will also occur during July.

CHALLENGES AND SOLUTIONS (specific to reporting period)

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

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

*25.
