



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:	4/1/2016	*2b. Reporting Period End Date:	9/30/2016
3. Subaward Organization (Name and complete address including zip code)			4. Subaward Project Manager Contact Information		
Name: Samish Indian Nation Address 1: 2918 Commercial Avenue Address 2: City: Anacortes State: WA Zip Code: 98221-			Name: Todd Woodard Phone: (360) 293-6404 Ext: 119 Fax: (360) 661-6336 Email: twoodard@samishtribe.nsn.us		
5a. EPA Program	5b. Subaward Project Title and Contract No.	*6. Collaborating Organizations/Partners			
LO - Tribal	Secret Harbor Estuary and Salt Marsh Restoration Monitoring of fresh and marine ecosystems; San Juan Island Creosote Removal and Beach Clean Up Project and San Juan Island Prairie bald habitat assessment pilot project	WaDept of Natural Resources, WCC, EarthCorps, Friends of the San Juans			

<u>Subawardee Submission Instructions:</u> 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.	LO Project Manager: Dani Madrone LO: NWIFC Phone: 360.528.4318 email: dmadrone@nwifc.org EPA Project Officer: Lisa Chang	*7a. Name/Title of Person Submitting Report *7b. Date Report Submitted	Todd Woodard, Director Jodi Bluhm, Fields Supervisor 10/25/2016
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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:	\$70,684.28	*10. Amount Reimbursed To-Date:	\$55,711.87
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	\$40,527.04		\$40,527.04	\$28,776.39		\$28,776.39
Fringe Benefits	\$16,872.81		\$16,872.81	\$11,408.17		\$11,408.17
Travel	\$10,445.15		\$10,445.15	\$3,726.26		\$3,726.26
Equipment	\$0.00		\$ 0.00	\$0.00		\$ 0.00
Supplies	\$2,525.44		\$2,525.44	\$687.89		\$ 687.89
Contracts	\$11,000.00		\$11,000.00	\$5,365.08		\$5,365.08
Other	\$6,302.03		\$6,302.03	\$3,061.34		\$3,061.34
TOTAL DIRECT CHARGES	\$76,672.47		\$76,672.47	\$53,025.13		\$53,025.13
Indirect Charges	\$24,527.53		\$24,527.53	\$17,659.15		\$17,659.15
TOTAL	\$112,200.00		\$112,200.00	\$70,684.28		\$70,684.28
*Explain Any Discrepancies:						

ECOSYSTEM GOALS ADDRESSED

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

DIRECT THREATS ADDRESSED

17a. Primary Threat	Shoreline Armoring
17b. Secondary Threat(s)	Point Source Pollution ----- -----

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

18a. Primary Strategic Initiative	Tribal Habitat Priorities
18b. Sub-Strategies Employed	B.2.2 B.3 C.1 C.7 C.9 B.1.1 B.2.3 B5.1 B5.2 B5.3 B6 D2 D4.2 D5
18c. Near-Term Actions Supported	B.2.2 NTA 3 N.2.2 NTA 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	Marine Water Quality
20b. Secondary Indicators	Freshwater Quality Wild Chinook Salmon Pacific Herring -----

PROJECT LOCATION

21a. Latitude	48.483835	21b. Longitude	-122.589586
21c. Hydrologic Unit Code	17110003 - San Juan Islands	-----	-----
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")
Beach Restoration Design and Permits	Number	1	3
Beach Restoration Complete	Feet	500	0
Creosote and marine debris removed from beaches	pounds	100000	420000
Prairie Balds surveyed	number	25	29

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: Secret Harbor Estuary and Salt Marsh Restoration Monitoring of Fresh and Marine Ecosystems					
23b. 2012 Action Agenda Near-Term Action(s) Supported: B.2.2 NTA 3					
*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	Plant Survey	3/31/16	COMPLETED	Survey to show plant assemblage and distribution change since project implementation and salt marsh restoration.	Final vegetation survey was completed in June 2015.
1.2	Forage Fish Usage Survey	3/31/16	COMPLETED	Surveys to occur along beaches adjacent to and within restoration Project zone	Final Forage Fish Surveys were completed in February 2016.

1.3	Final Data Report	9/30/16	CURRENT	Final project Data Report	Final surveys for post restoration research were completed in June 2016. The data report is currently being written. We found some inaccuracies in our data queries and had to do additional database management to ensure the accuracy of our data. Database is now clean and final data report will be completed before next reporting period.
1.4	Grant Close Out Report	9/30/16	PLANNED	Grant Close Out Reporting	Final surveys were completed in June of 2016. Grant closeout report compilation will begin after last survey.

23a. Subaward Work Plan Component/Task: San Juan Island Creosote Removal and Beach Clean Up Project					
23b. 2012 Action Agenda Near-Term Action(s) Supported: B.2.2 NTA 3, B.2.2 NTA 4					
*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	Renew and Extend IAA developed between Samish Indian Nation and Washington State Department of Natural Resources.	9/30/16	COMPLETED	Signed Interagency Agreement between Samish Indian Nation and WA DNR.	Signed by both partners
2.2	Coordinate with partners to perform a minimum of 6 large scale beach clean-up projects in the San Juan Islands by providing transport for Puget Sound Corps Crews to locations and utilizing Samish DNR landing craft to transport debris off beaches to central	9/30/16	AHEAD OF SCHEDULE BUT NOT COMPLETED	Cumulative 4 summer total of more than 400,000 lbs of creosote and other marine debris removed from beaches in Puget Sound; Removal of plastic, Styrofoam and other marine debris	Summer of 2016 was again highly successful.

	gathering locations for appropriate disposal			from Puget Sound Beaches.	
2.3	Perform remote beach surveys on State Owned Aquatic Lands, remove debris as vessel capacity allows and coordinate larger clean-up efforts with project partners including planning survey locations with project partners, performing surveys in coordinated efficient manner, and providing GPS/GIS mapping services.	9/30/16	AHEAD OF SCHEDULE BUT NOT COMPLETED	Documentation of marine debris removed from San Juan Beaches (tonnage removed); Maps and data concerning existing and future beach clean-up projects.	Maps are up to date and revised to show activities from 2014 and 2015 and 2016. Project was presented at Salish Sea Conference in Vancouver BC in April 2016.
2.4	Engaging in project reporting and writing final report.	9/30/16	PLANNED	Project Summary Report	To be done at project completion

23a. Subaward Work Plan Component/Task: San Juan Islands Prairie Bald Habitat Assessment Pilot Project					
23b. 2012 Action Agenda Near-Term Action(s) Supported: B1.1 NTA 1, B2.1 SJI 10, B2.2 NTA 2, B5.1 NTA 1, B5.3 NTA 1, D2 NTA 1					
*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
3.1	Identify pilot project locations on Cypress, San Juan and other locations in the San Juan Archipelago	9/30/16	COMPLETED	Identify pilot project locations	We have identified and surveyed 25 balds on Cypress Island and 4 prairies on San Juan Island.
3.2	Coordinate with partners to develop study parameters	3/31/16	COMPLETED	Develop study parameters	Survey protocol has been developed and implemented in cooperation with WADNR.
3.3	Develop sampling protocols; QAPP and SOP development	3/31/16	COMPLETED	Consistent sampling methods and data for prairie balds on WaDNR owned lands; QAPP/SOP manuals for data collected	QAPP is approved and training of staff by State Ecologist is complete

3.4	Survey targeted locations; field data collection	9/30/16	CURRENT	GIS based maps indicating location and habitat attributes of selected locations.	Targeted locations were surveyed from April-June 2016. See attached map. Planning is underway for more detailed surveys of selected balds.
3.5	Develop relational database	9/30/16	CURRENT	Relational database allowing easy sharing of data and to house habitat data collected	All data stored in Microsoft Access database.
3.6	Report writing and finding presentations	9/30/16	CURRENT	Reports to inform preservation and restoration strategies; Data summary report	Level II EIA report and database complete and shared with WADNR; planning of Level III EIA to commence in late 2016; presentations to occur when all stages of project are complete.

CHALLENGES AND SOLUTIONS (specific to reporting period)

*24a. Task No., Sub-Task No.	*24b. Challenge	*24c. Solution
1.2	Weather was a challenge for us this winter. There were many days of severe winds resulting in small craft advisory events during December and January. Because of these storms, we missed 2 survey days.	We attempted to have back up days and used them when feasible.
1.3 Final Data Report	We found some inaccuracies in our data queries. Relationships with both the clam and avian portions of the database needed further management to ensure the accuracy of our data before we could go any further with the writing of the data report.	The database is now clean and the final data report will be completed before next reporting period.

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

<p>*25. We have been grateful for the opportunity to work on the Secret Harbor Restoration project. We gained a strong partner in the Washington State Department of Natural Resources (WDNR) through this initial project. After working together at Secret Harbor, we teamed up to do the Creosote Clean-up project and most recently the Prairie Bald Survey project. We look forward to future opportunities to work with the state and to build new partnerships.</p> <p>The expansion of our Cypress Island work to include the prairie bald research has been a great opportunity to deepen our partnership with WADNR and increase our department's knowledge of the natural history of Samish traditional territory.</p>

