



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-00J322-01	*2a. Reporting Period Start Date:	10/1/2016	*2b. Reporting Period End Date:	3/31/2017
3. Subaward Organization (Name and complete address including zip code) Name: Nisqually Indian Tribe Address 1: 12501 Yelm Highway SE Address 2: City: Olympia State: WA Zip Code: 98513-			4. Subaward Project Manager Contact Information Name: Christopher Ellings Phone: (360) 438-8687 Ext: Fax: (360) 438-8742 Email: ellings.christopher@nisqually-nsn.gov		
5a. EPA Program LO - Tribal	5b. Subaward Project Title and Contract No. Salish Sea Marine Survival Project – Transition to research implementation phase; Nisqually Usual and Accustomed Area Derelict Fishing Gear Removal / 13EPA PSP 412		*6. Collaborating Organizations/Partners Long Live the Kings		

<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: Tiffany Waters LO: Northwest Indian Fisheries Commission Phone: 360.528.4318 email: twaters@nwifc.org EPA Project Officer: Lisa Chang	*7a. Name/Title of Person Submitting Report	Christopher Ellings Salmon Recovery Manager
		*7b. Date Report Submitted	3/31/2017

FUNDING/COST ANALYSIS

8a. Total Assistance Amount Awarded:	\$166,100.00	8b. Funding Year (Federal Fiscal Year Funds Appropriated)	FY 2013 ----- ----- -----	*9. Amount Spent To-Date:	\$79,099.29	*10. Amount Reimbursed To-Date:	\$79,099.29
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	\$57,049.00	\$0.00	\$57,049.00	\$13,111.12		\$13,111.12
Fringe Benefits	\$8,551.00	\$0.00	\$8,551.00	\$7,033.68		\$7,033.68
Travel	\$10,000.00	\$0.00	\$10,000.00			\$ 0.00
Equipment	\$5,000.00	\$0.00	\$5,000.00	\$5,588.00		\$5,588.00
Supplies	\$2,000.00	\$0.00	\$2,000.00			\$ 0.00
Contracts	\$81,498.00	\$0.00	\$81,498.00	\$49,998.00		\$49,998.00
Other	\$2,002.00	\$0.00	\$2,002.00	\$3,368.27		\$3,368.27
TOTAL DIRECT CHARGES	\$166,100.00	\$0.00	\$166,100.00	\$79,099.29		\$79,099.29
Indirect Charges	\$0.00	\$0.00	\$ 0.00			\$ 0.00
TOTAL	\$166,100.00	\$0.00	\$166,100.00	\$79,099.29		\$79,099.29
*Explain Any Discrepancies:						

ECOSYSTEM GOALS ADDRESSED

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

DIRECT THREATS ADDRESSED

17a. Primary Threat	Derelict Gear/Vessels
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	B.3.2 A.6.3 A.6.4
18c. Near-Term Actions Supported	B.3.2 NTA 1

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

PROJECT LOCATION

21a. Latitude	47.272	21b. Longitude	-122.5562
21c. Hydrologic Unit Code	17110015 - Nisqually	-----	-----
21d. Action Area	South 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”)
Puget Sound Zooplankton Retrospective Analysis	Analyses	1	1
Salish Sea Marine Survival Website Maintained	Websites maintained	1	1
Identification and removal of derelict gear in prioritized areas in less than 100fsw	gear	10	

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: Salish Sea Marine Survival Study					
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	Provide facilitation support for the U.S. Coordinating Committee, U.S. Technical Team, and U.S.-Canada research teams leading pending and active research activities	10/2015	COMPLETED	Data collection templates and protocols and a maintained project management site	Project management site continues to be extremely useful for managers and investigators.
1.2	Maintain links between the Salish Sea Marine Survival Project and other relevant Puget Sound-region management initiatives	10/2015	COMPLETED	Content in a final report describing how those linkages have been	This is an on-going effort that requires time and lots of energy.

				maintained and their status	
1.3	Carry out zooplankton retrospective study to inform the development of a Puget Sound-wide zooplankton monitoring program	10/2015	COMPLETED	Report describing the results of this analysis	Report is being reviewed and should be distributed soon.
1.4	Maintain a public web site and other materials for project communications	10/2015	COMPLETED	Properly designed and maintained project management web site and public web site and other project materials for external communications	Web site continues to feature relevant information.

23a. Subaward Work Plan Component/Task: Nisqually Usual and Accustomed Area Derelict Fishing Gear Removal

23b. 2012 Action Agenda Near-Term Action(s) Supported: B.3.2 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
1.1	Develop QAPP, scope of work, and deliverables	7/15/17	COMPLETED	EPA approved QAPP	completed
1.2	Determination and identification of prioritized areas	7/15/17	COMPLETED	Prioritized areas for gear removal	Identified
1.3	Survey of prioritized areas and identification of all derelict gear in less than 100fsw	7/15/17	COMPLETED	Nets, pots, and other derelict gear located and identified within the prioritized area to a depth of 99 feet sea water	Survey Completed 2015
1.4	Removal of identified gear in prioitized areas in less than 100fsw	7/29/17	COMPLETED	All gear identified above 99fsw will be removed according to NMFS guidelines and properly contained and disposed of in an approved landfill.	Removed derelict crab pots that were located VIA electronic survey. Remote Operated Vehicle was used to locate gear which was removed by divers.
1.5	Expansion of activities to secondary areas	7/29/17	COMPLETED	Additional gear was located VIA empirical information from	Expansion area identified with Natural Resources Enforcement in U&A- 1 pot to recover in new

				fishermen and others. ROV searched for and located targets in secondary area.	expansion area and surveying to located gear or gear debris was removed by divers.
1.6	Submission of Data / Presentation of results to Puget Sound Partnership	7/29/17	PLANNED	Submission of the WDFW data forms to the WDFW database and/or NW Straits Commission / Presentation to PSP	Project data and final report is in process and will be ready for submission and follow up presentation to PSP by Oct 1, 2017

CHALLENGES AND SOLUTIONS (specific to reporting period)

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

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

***25.**
 This project revealed that using commercial divers to retrieve individual crab pots is not cost effective and the benefits do not justify the safety risks of personnel underwater. Limited visibility and weather conditions are the main factors. Altering the plan to include a Remote Operated Vehicle greatly improved the effectiveness of the divers and reduced risk exposure incurred on long search and recovery dives. Future operations should include a side scan sonar search to locate targets. Precise location of the target VIA ROV and then attaching the ROV utilizing a mechanical claw will reduce the divers exposure. The diver then follows the ROV tether to the target and attaches the lifting line for retrieval.