



EPA Puget Sound Financial and Ecosystem Accounting Tracking System (FEATS)

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:	4/1/2015	*2b. Reporting Period End Date:	9/30/2015
3. Recipient Organization (Name and complete address including zip code)			4. Project Manager Contact Information		
Name: Makah Nation Address 1: P.O. Box 115 Address 2: City: Neah Bay State: WA Zip Code: 98357-			Name: Stephanie Martin Phone: (360) 645-3173 Ext: Fax: (360) 645-2323 Email: stephanie.martin@makah.com		
5a. Program (RFP)		5b. Project Title		*6. Collaborating Organizations/Partners	
Tribal Projects		FY 2011 Noncompetitive Tribal Projects for Restoration and Protection of Puget Sound		WA Department of Ecology, Lower Elwha Klallam Tribe, North Olympic Land Trust, NOAA National Weather Service, WA Dept. of Transportation <input checked="" type="checkbox"/> Subawardee WA Department of Ecology, North Olympic Land Trust	

Submission Instructions: EPA fills in the white boxes. Grantee fills in the yellow boxes (boxes with asterisks). Refer to guidance document for how to fill out the boxes. After completing the form, save and e-mail it to the Project Officer and cc: the Technical Monitor.	Project Officer: U.S. Environmental Protection Agency Email: Technical Monitor: U.S. Environmental Protection Agency Email:	*7a. Name/Title of Person Submitting Report	Angela Tetnowski Watershed Scientist
		*7b. Date Report Submitted	

FUNDING/COST ANALYSIS

8a. Total EPA Assistance Amount Awarded:	\$255,405.00	8b. Funding Year (Federal Fiscal Year Funds Appropriated)	FY 2011 ----- ----- -----	*9. Total EPA Amount Expended To-Date:	\$252,098.05	*10. Funds Drawn Down from EPA To-Date:	\$252,098.05
11. Match Amount Required	\$0.00	*12. Total Match Amount Expended 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 EPA Project Officer or Technical Monitor to respond to?							

BUDGET UPDATE

	15a. APPROVED BUDGET			*15b. SPENT TO-DATE		
	EPA	MATCH	TOTAL	EPA	MATCH	TOTAL
Personnel	\$29,366.00		\$29,366.00	\$33,463.90		\$33,463.90
Fringe Benefits	\$9,577.00		\$9,577.00	\$9,979.70		\$9,979.70
Travel	\$2,898.00		\$2,898.00	\$3,103.59		\$3,103.59
Equipment	\$0.00		\$ 0.00	\$0.00		\$ 0.00
Supplies	\$0.00		\$ 0.00	\$0.00		\$ 0.00
Contracts	\$195,187.00		\$195,187.00	\$184,153.40		\$184,153.40
Other	\$0.00		\$ 0.00	\$0.00		\$ 0.00
TOTAL DIRECT CHARGES	\$236,338.00		\$236,338.00	\$230,700.59		\$230,700.59
Indirect Charges	\$18,377.00		\$18,377.00	\$21,397.46		\$21,397.46
TOTAL	\$255,405.00		\$255,405.00	\$252,098.05		\$252,098.05
*Explain Any Discrepancies:	All projects were completed by the end of this reporting period, but to spend the remaining balance of \$3,306.95 a short extension of this workplan and budget was approved. A budget modification is to follow to account for budget overages in certain line items.					

ECOSYSTEM GOALS ADDRESSED

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

DIRECT THREATS ADDRESSED

17a. Primary Threat	-----
17b. Secondary Threat(s)	----- ----- -----

LINKAGES TO PUGET SOUND ACTION AGENDA

18a. Strategic Priorities Employed	Priority A Priority B Priority D Priority E -----
18b. Near-Term Actions Supported	A.2.6;A.3.1,4;B.1.1,3,4;D.1.1,2,3;D.3.1,7;E.3.1
18c. Other Actions Supported	

LINKAGES TO EPA PUGET SOUND MEASURES

19. Measure(s)	Habitat Restored/Protected ----- -----
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LINKAGES TO PUGET SOUND DASHBOARD INDICATORS

20a. Primary Indicator	-----
20b. Additional Indicators	Freshwater Quality Index Wild Chinook Salmon ----- ----- -----

PROJECT LOCATION

21a. Latitude	48.178117	21b. Longitude	-124.194611
21c. Hydrologic Unit Code	17110021 - Crescent-Hoko	-----	-----
21d. Action Area	Strait of Juan de Fuca	-----	-----

MEASURES OF SUCCESS (Key Grant Outputs)

*22a. Description (e.g., "shellfish beds reopened")	*22b. Unit (e.g., "acres")	*22c. Project Target ("number")	*22d. Project Measure To-Date ("number")
Two stream gages that had State funding cuts have been re-activated and monitoring has continued through this funding. Total watershed acreage (Sekiu: 33.2 sq. mi, Clallam: 31 sq. mi) being monitored is noted.	64.4 sq. mi	64	64
Working on engineered log jam designs to promote in-river habitat restration and re-activation of the floodplain are next steps for roughly what is now 1.5 miles of mainstem river. This project partners with Lower Elwha Klallam Tribe and WDOT, and others.	1.5 mi.	2	1.5

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. Work Plan Component/Task: Participation in Ecosystem Coordination Board, Salmon Recovery Council, and Strait of Juan de Fuca Ecosystem Network					
23b. Action Agenda Action(s) Addressed: D.3.1.1,5,6 Work effectively and efficiently together on priority actions by participating in local and regional planning processes					
*23c. Estimated Costs: \$8,618.00 Actual Costs to Date: \$8,618.00 (If required by PO)					
23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
1.1	Provide input on meeting agenda items and engage in topic dicussions	NOPLS LEG 6/3/15	COMPLETED	Input provided	Participation by Habitat Division staff or alternates. Strait ERN participation was difficult with new Watershed Scientist because they are assigned to learning the local habitat concerns currently.

1.2	Identify key processes and initiatives important to the Makah Tribe	NOPLÉ LEG 6/3/15, 9/28/15	COMPLETED	List of important processes and initiatives identified	On behalf of the Makah Tribe Mike Haggerty Consulting developed an inventory of culvert barriers in WRIA 19. This will assist with prioritizing restoration projects in WRIA 19.
1.3	Engage in future PSP target setting		COMPLETED	Targets identified throughout Makah U&A	PSP engagement is a continuous activity. There are constant discussions with co-managers, stakeholders, and partners in regards to current issues and future needs for the Puget Sound. Project development for future proposals allowed us to look at the health of local areas and consider strategies and impacts to secure funding. This made us look more in-depth into the NTA Action Agenda process.

23a. Work Plan Component/Task: Participation in local Watershed Planning (WRIA 19), Shoreline Master Plan update (Clallam County), PSP Strait ERN, and local Salmon Recovery Lead Entity process					
23b. Action Agenda Action(s) Addressed: D.1.1,2,3 Work effectively and efficiently together on priority actions by participating in local planning processes					
*23c. Estimated Costs: \$17,686.00 Actual Costs to Date: \$17,686.00 (If required by PO)					
23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
2.1	Update three year workplan		CANCELLED	Three year workplan updated, including the Village Creek culvert replacement project	Marked as cancelled in previous reporting period
2.2	TRG ranking of three year workplan projects		COMPLETED	Three year workplan projects ranked	Marked as completed in previous reporting period
2.3	TRG scoring of SRFB proposed projects	4/22/15, 5/11/15, 6/24/15	COMPLETED	SRFB proposed projects scored	Mike Haggerty Consulting attended NOPLÉ TRG meetings

					on behalf of the Makah Tribe. Also completed scoring of SRFB projects and provided an overview of scores and issues to us.
2.4	Provide input to WRIA 19 restoration plan (specific to Pysht, Clallam, Hoko, and Sekiu)	6/8/15	COMPLETED	Input provided	Attended NOBLE co-managers meeting regarding WRIA 19 Salmon Recovery Plan. There was concern regarding the use of out dated metrics within the plan, but was moved for approval due to the prolonged amount of time that the plan has been in draft status. Comments were provided from multiple co-managers for edits to the plan. As a result from one of the comments a Adult and Juvenile salmonids abundance report was created to address establishing a fish population recovery goal.
2.5	Prioritize habitat restoration actions in WRIA 19 restoration plan and incorporate into NOBLE three year workplan		COMPLETED	Prioritized habitat restoration actions incorporated into NOBLE three year workplan	We have provided comments for prioritizing restoration actions within the NOBLE 3-year work plan. Incorporation of these actions into the workplan will be gradual and will be dependent upon infrastructure capacity. We are already working on restoration activities in collaboration with stakeholders as previously reported.

23a. Work Plan Component/Task: Maintain long-term Washington Department of Ecology streamflow monitoring stations on the Clallam and Sekiu Rivers (WRIA 19)

23b. Action Agenda Action(s) Addressed: A.3.1.1; A.3.2; E.3.1 Protect intact ecosystem processes, structures, and functions by installing streamflow monitoring stations

***23c. Estimated Costs:** \$24,000.00
Actual Costs to Date: \$24,000.00
(If required by PO)

23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
3.1	Develop QAPP Addendum		CANCELLED	QAPP Addendum approval	Marked as cancelled in previous reporting period
3.2	Operate and maintain streamflow stations for 12 months by WDOE technical staff		COMPLETED	Agreement with WDOE for operation and maintenance of streamflow stations for 12 months; Continuous streamflow data	Marked as completed in previous reporting period

23a. Work Plan Component/Task: Pysht River Design Only Reach Analysis for ELJ installation to improve instream habitat complexity, floodplain connectivity, and flood risk attenuation.

23b. Action Agenda Action(s) Addressed: B.1.1,3 Restore ecosystem processes, structures, and functions that sustain the Pysht river floodplain

***23c. Estimated Costs:** \$144,918.00
Actual Costs to Date: \$133,714.40
(If required by PO)

23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
4.1	Write contract for the Pysht River ELJ design and select sub-contractor		COMPLETED	Sub-contract in place	Marked as completed in previous reporting period
4.2	Evaluate ELJs in Pysht River and NOLT floodplain property and conduct flood risk.	9/11/2015	COMPLETED	Construction ready designs; flood risk analysis	A final construction ready design and the flood risk analysis is complete and comments from the public, land owners, and stakeholders were incorporated. This project is now ready for implementation and is planned for the summer of 2016
4.3	Apply for permits		CANCELLED	Permits for ELJ construction	The Lower Elwha Klallam Tribe received funding for installation of

					the Pysht ELJs. Due to operational feasibility, they have taken over the responsibility of finalizing the permits. As reported previously, we worked in collaboration with Lower Elwha and state agencies to initiate project input for the permits.
4.4	Purchase wood for implementation phase		CANCELLED	Wood purchased	Marked as cancelled in previous reporting period
4.5	Support and agreement with NOLT to manage properties for conservation and restoration purposes	6/26/2015	COMPLETED		A Memorandum of Agreement was signed between the Makah Tribe and the North Olympic Land Trust along with a stewardship endowment of \$11,500 for long term conservation of a property purchased within the proposed project site for the Pysht River ELJ implementation

23a. Work Plan Component/Task: Lyre River and Nelson Creek North Olympic Land Trust (NOLT) Acquisition and Restoration Project support to assist in bridge reconstruction to allow restoration of the nearshore habitat and to improve habitat conditions at the Nelson Creek road crossing.					
23b. Action Agenda Action(s) Addressed: A.5.4					
*23c. Estimated Costs: \$36,457.00 Actual Costs to Date: \$33,307.00 (If required by PO)					
23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
5.1	Provide financial assistance to the NOLT to complete the reconstruction of a failing and undersized bridge crossing on Nelson Creek near the mouth of the Lyre River, to enable the ability to conduct restoration work in the nearshore habitat.	4/28/2015	COMPLETED	Assistance in the reconstruction of the Nelson Creek bridge crossing on the NOLT Lyre River and Nelson Creek land acquisition project	Financial assistance was provided to NOLT through a personal services contract to assist with replacement of the bridge crossing Nelson Creek. NOLT hired Lower Elwha Klallam Tribe to install the new bridge crossing.

CHALLENGES AND SOLUTIONS (specific to reporting period)

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

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

***25.**
 We are working on getting an extension for this workplan to ensure that we utilize all the funds within this grant award. The amount for the Pysht ELJ engineering designs was less than expected which left us with a balance of approximately \$3,300. We will be including the Hoko meteorological station into the workplan so that we can purchase parts to repair it. We have been having difficulties with elk scratching their antlers on the equipment and damaging it.

The importance of the DOE gages and the Hoko weather station has become even more apparent. The 2014 spring and summer encountered drought conditions within the North Olympic Peninsula, which has highlighted a number of issues with state policy. This region has been in a designated drought since February 2015, which has raised a substantial amount of questions in regards to land management policy, habitat impacts, and water user concerns. The data that is provided by these DOE gages was able to give a good perspective regarding the range and similarity of flow conditions in the area. It also highlights how important it is to ensure that these sites continue to operate in longevity, if possible, to be able to provide the data necessary to develop historic comparative data.

We were able to complete a personal services contract with North Olympic Land Trust to be able to provide financial assistance for the removal of the bridge crossing Nelson Creek.

We reviewed the EPA brownfield report and subsequent site assessments for identified contaminated sites of the Makah Reservation to develop future restoration projects to meet PSP recovery goals. We will be moving forward with Phase 1 of the clean-up of one of those sites with the upcoming 2012 PSP funding.

The Agency Creek culvert replacement project received partial funding through the NRCS EQIP-PSHIP funding in 2013. The Makah Tribe is working with BIA to secure the funding to complete the project, therefore it is assumed that inclusion of the project into the three year work plan is not necessary at this moment, however we are looking at assisting in the project potentially this summer with some small scale noxious weed treatment.

The Makah Tribe is considering developing a proposal for inclusion in the three year workplan for restoration within Neah Bay, including an assessment of the mud flats on Waadah Island, and a restoration plan for the area and surrounding area.

The Habitat Division Manager still retains the majority of the responsibility for managing this grant award but the new Watershed Scientist has taken on more responsibility for managing projects within this grant award and plans on taking on more responsibility for future PSP grant awards.