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:**	4/1/2016	***2b. Reporting Period End Date:**	9/30/2016

3. Subaward Organization (Name and complete address including zip code) Name: Makah Nation Address 1: P. O. Box 115 Address 2: City: Neah Bay State: WA Zip Code: 98357-	**4. Subaward Project Manager Contact Information** Name: Angela Tetnowski Phone: (360) 645-3155 Ext: Fax: ( ) - Email: Angela.tetnowski@makah.com

5a. EPA Program **LO - Tribal**	**5b. Subaward Project Title and Contract No.** FY 2014 Noncompetitive Tribal Projects for Restoration and Protection of Puget Sound/ 14EPA PSP408	***6. Collaborating Organizations/Partners** Washington Department of Ecology

<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:** Northwest Indian Fisheries Commission **Phone:** 360.528.4318 **email:** dmadrone@nwifc.org **EPA Project Officer:** Lisa Chang	***7a. Name/Title of Person Submitting Report**	Angela Tetnowski Watershed Scientist
		***7b. Date Report Submitted**	

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:**	$49,382.98	***10. Amount Reimbursed To-Date:**	$0.00
11. Match Amount Required	$0.00	***12. Total Match Amount Spent and Documented To-Date:**	$0.00	***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?**	Not at this time						

BUDGET UPDATE

	15a. APPROVED BUDGET			*15b. SPENT TO-DATE		
	LO (EPA) Funds	MATCH	TOTAL	LO (EPA) Funds	MATCH	TOTAL
Personnel	$14,146.00	$0.00	$14,146.00	$0.00		$ 0.00
Fringe Benefits	$3,820.00	$0.00	$3,820.00	$0.00		$ 0.00
Travel	$1,103.00	$0.00	$1,103.00	$111.00		$ 111.00
Equipment	$0.00	$0.00	$ 0.00	$0.00		$ 0.00
Supplies	$0.00	$0.00	$ 0.00	$0.00		$ 0.00
Contracts	$85,936.00	$0.00	$85,936.00	$49,271.97		$49,271.97
Other	$0.00	$0.00	$ 0.00	$0.00		$ 0.00
TOTAL DIRECT CHARGES	$19,069.00	$0.00	$19,069.00	$111.00		$ 111.00
Indirect Charges	$7,445.00	$0.00	$7,445.00	$0.00		$ 0.00
TOTAL	$112,450.00	$0.00	$112,450.00	$49,382.98		$49,382.98
***Explain Any Discrepancies:**	This award was not contracted until August 4th so not much has been spent down on this award during this time expect to complete the Hake Plant AST project.					

ECOSYSTEM GOALS ADDRESSED

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

DIRECT THREATS ADDRESSED

17a. Primary Threat	Oil/Hazardous Spills
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.6.5 A.1.2 D.2.1 C.9.2 C.1.1**

18c. Near-Term Actions Supported	**B.1.2 NTA 1 A.7.1 STRT 2 A.7.1 STRT 6**

LINKAGES TO EPA PUGET SOUND PERFORMANCE MEASURES

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

LINKAGES TO PUGET SOUND DASHBOARD INDICATORS

20a. Primary Indicator	Freshwater Quality
20b. Secondary Indicators	---------- ---------- ----------

PROJECT LOCATION

21a. Latitude	48.371386	**21b. Longitude**	-124.409969
21c. Hydrologic Unit Code	17110021 - Crescent-Hoko	----------	----------
21d. Action Area	Strait of Juan de Fuca	----------	----------

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")
Continuous monitoring of Clallam and Sekiu stream gages	Months	12	0
Continuous meteorological monitoring in the Hoko River Floodplain	Months	12	0
Removal of aboveground storage tank from Hake Plant site	Structure removed	1	1

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: Participation in regional Salmon Recovery Council, Shoreline Master Plan update (Clallam County), and local Lead Entity process (NOPLE TRG and LEG)

23b. 2012 Action Agenda Near-Term Action(s) Supported: B.1.2 NTA 1 and A.7.1 STRT 2

***23c. Estimated Costs:** $27,921.05
Actual Costs to Date: $111.00
(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	Continued participation in the regional Salmon Recovery Council and Strait Ecosystem Coordination Network with as well involvement in the local TRG and LEG of the North Olympic Peninsula Lead Entity (NOPLE) process	10/5/16, 10/26/16, 10/27/2016	CURRENT	As reported in FEATS: Attendance at meetings; TRG scoring of SRFB proposals; Provide input on meeting agenda items and engage in topic discussions; Advance priorities identified in	Habitat Division Manager attended one regular NOPLE meeting and a 2 day NOPLE annual retreat

				the finalized WRIA 19 restoration plan and incorporate into NOPLE three year workplan.	
1.2	Identify key processes and initiatives important to the Makah Tribe.		CURRENT	Participation in the Salmon Recovery Council forum	

23a. Subaward Work Plan Component/Task: Removal of the Hake Plant Above ground Storage Tank (AST) associated with the EPA Emergency Response Unit identified Brownfields site on the Makah Reservation

23b. 2012 Action Agenda Near-Term Action(s) Supported:

***23c. Estimated Costs:** $49,271.97
Actual Costs to Date: $49,271.97
(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	Public awareness of project	9/30/16	COMPLETED	Article describing the project and hazardous materials associated with it in the communities newsletter, construct a fence around the AST to prevent the public from coming into the area since the AST is leaking, and post signs in the area to warn the public that the site contains hazardous materials	An article was printed in our local newletter regarding the project. An orange caution fence was also constructed during work and will remain up until all hazards are removed from the site. Currently there are no signs posted at the site, all of the funds were allocated to the contract work.
2.2	AST will be removed along with the sludge inside	9/19/16	COMPLETED	Removal and disposal of the large AST	This work was completed by Global under an extension of the personal services contract from the work completed under the FY12 workplan.

23a. Subaward Work Plan Component/Task: Sekiu and Clallam River Stream Gages

23b. 2012 Action Agenda Near-Term Action(s) Supported: A.7.1 STRT 6

***23c. Estimated Costs:** $29,534.00
Actual Costs to Date: $0.00
(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	Continue operation and maintenance of Clallam/Sekiu streamflow monitoring stations for 12 months by WDOE technical staff.		PLANNED	Report in FEATS	This task will be covered under this workplan starting October 2016

23a. Subaward Work Plan Component/Task: Hoko Meteorological Station

23b. 2012 Action Agenda Near-Term Action(s) Supported:

***23c. Estimated Costs:** $5,722.98
Actual Costs to Date: $0
(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
4.1	Maintain quality control and quality assurance with the real-time meteorological station in Hoko river drainage for increased accuracy of Western Strait of Juan de Fuca climatic patterns.		PLANNED	Operation, maintenance, and QAQC of the Hoko River Weather Station for 12 months by Makah Tribe staff.	This task will be covered under this workplan starting October 2016

CHALLENGES AND SOLUTIONS (specific to reporting period)

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

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

***25.**

Prior to any work starting we handed out fliers to residences and offices around the site that we would be starting the Hake Plant AST removal project. Global and their tribal workers arrived on site on 9/6/16 to prepare the site for the tanks' demolition. Site preparation included removal of vegetation, removal of garbage and other discarded items, creating a stable fill platform for the large excavator, cutting holes into the tank to create starting points for demolition, and installing an orange caution fence around the project area. Site preparation took about a week to complete.

During site preparation Global needed to mobilize a large excavator to the site, it would be used for the demolition of the tank. During this time WDOT was working on the Jansen Creek bridge on highway 112, so during construction it was a one lane road. There was concern that the excavator would not be able to pass through because it was considered a wide load. We looked into other routes but none of which were feasible due to the weight of the load. We made special arrangements with WDOT to increase the width of the bridge path by removing the cement barriers.

The excavator was able to fit through the Jansen Creek bridge and it arrived onsite on 9/13/16. This excavator had a special shear attachment to allow it to cut through the tank metal. They used the excavator to cut the tank into manageable pieces. It took 4 days to completely cut up the tank. Global utilized Marine Vacuum to dispose of the tank metal. Marine Vacuum took the metal to Schnitzer's to be recycled. All work was completed by 9/19/16. We left the caution fence up at the site until we can assess the contamination at the site and restore it. Determining the extent of the contamination at this site is within our FY15 workplan and we plan on putting the restoration phase into the FY16 workplan.

For our public outreach component regarding this project, we submitted an article to our local newspaper describing the work that has been completed, the hazards that are present at the site, and our future plans for the project. This project went very smoothly. The only thing we didn't anticipate was the amount of soil disturbance. Prior to work we consulted with cultural resources and described to them that there would be limited soil disturbance. We knew that there was a fill berm surrounding the tank but were unsure of the full extent of the berm due to dense vegetation. Once the vegetation was removed we discovered that there was only a small pathway that was not a berm. This was a problem because we would need a large entrance for the heavy machinery to enter the site and would also need a flat and wide surface for the machinery to work atop of. To achieve this we needed to move some of the berm fill closer to the tank and create a flat wide platform for the excavator to work off of. We contacted cultural resources again and explained our situation and they gave us approval to move the berm fill around the site. We also described to them that none of the soil would be removed from the site and that we would only utilize soil from the berm. Due to unforeseen amount of soil disturbance at the site we are anticipating some difficulties in determining the extent of contamination present there.