



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)			4. Subaward Project Manager Contact Information		
Name: Skagit River System Cooperative Address 1: P.O. Box 368 Address 2: City: La Conner State: WA Zip Code: 98257-			Name: Steve Hinton Phone: (360) 391-1354 Ext: Fax: () - Email: shinton@skagitcoop.org		
5a. EPA Program		5b. Subaward Project Title and Contract No.		*6. Collaborating Organizations/Partners	
LO - Tribal		Skagit Recovery Plan Stewardship Project / 14EPA PSP428			

<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 LO Program Coordinator: LO: Phone: email: EPA Project Officer: Lisa Chang	*7a. Name/Title of Person Submitting Report	Steve Hinton Director of Restoration
		*7b. Date Report Submitted	4/30/2017

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:	\$109,598.22	*10. Amount Reimbursed To-Date:	\$107,142.82
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?							

BUDGET UPDATE

	15a. APPROVED BUDGET			*15b. SPENT TO-DATE		
	LO (EPA) Funds	MATCH	TOTAL	LO (EPA) Funds	MATCH	TOTAL
Personnel	\$62,814.00	\$0.00	\$62,814.00	\$63,155.00	\$0.00	\$63,155.00
Fringe Benefits	\$21,356.00	\$0.00	\$21,356.00	\$22,854.60	\$0.00	\$22,854.60
Travel	\$1,430.00	\$0.00	\$1,430.00	\$32.30	\$0.00	\$ 32.30
Equipment	\$0.00	\$0.00	\$ 0.00		\$0.00	\$ 0.00
Supplies	\$1,131.00	\$0.00	\$1,131.00	\$247.34	\$0.00	\$ 247.34
Contracts	\$2,250.00	\$0.00	\$2,250.00	\$2,570.00	\$0.00	\$2,570.00
Other	\$1,500.00	\$0.00	\$1,500.00	\$349.38	\$0.00	\$ 349.38
TOTAL DIRECT CHARGES	\$90,480.00	\$0.00	\$90,480.00	\$89,208.62	\$0.00	\$89,208.62
Indirect Charges	\$21,969.00	\$0.00	\$21,969.00	\$20,389.60	\$0.00	\$20,389.60
TOTAL	\$112,450.00	\$0.00	\$112,450.00	\$109,598.22	\$0.00	\$109,598.22
*Explain Any Discrepancies:						

ECOSYSTEM GOALS ADDRESSED

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

DIRECT THREATS ADDRESSED

17a. Primary Threat	-----
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.1.1 A.6.4 D.4.1.1
18c. Near-Term Actions Supported	

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	Freshwater Quality -----

PROJECT LOCATION

21a. Latitude	48.389697	21b. Longitude	-122.500713
21c. Hydrologic Unit Code	17110007 - Lower Skagit	-----	-----
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")

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: Coordination and collaboration					
23b. 2012 Action Agenda Near-Term Action(s) Supported:					
*23c. Estimated Costs: \$112,450.00 Actual Costs to Date: \$109,598.22 (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	Establish regular meeting schedule and location for core technical group	03/31/2017	BEHIND SCHEDULE	A set meeting routine for the SSWG throughout 2015 & 2016	Regular meetings of the SSWG occurred since March of 2015. Sub groups were established and met regularly. Sub-group's for Hatchery Practices, Hydro power, Habitat and Hydrology produced product for draft plan roll up. Harvest and Modeling sections are languishing

1.2	Attend NOAA Regional Recovery Team Meetings as scheduled by NOAA Recovery Team	03/31/2017	CURRENT	Meeting Agendas; meeting minutes; Regular attendance of key personnel	Planning to attending meetings next quarter to share work products.
1.3	Preparation and distribution of meeting materials to core group members	03/31/2017	CURRENT	Timely preparation and distribution of meeting materials and work products	SRSC continues to play lead role in organizaing and is providing meeting materials in advance of SSWG meetings as well as Sub group meetings.
1.4	Establish topical sub-groups and provide sub-group coordination.	03/31/2017	CURRENT	Tasks and assignments; Coordination between commissioned sub-groups	All topical sub-groups have been met and started on individual work plans. Project managers have been attending all meetings.

23a. Subaward Work Plan Component/Task: Integration of modeling approach

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	Establish consistency with GIS data sets for 2006 and 2015 time steps	03/31/2017	CURRENT	Consistency within and between Habitat data sets	Work on remote sensed data is proceeding on schedule. 2015 time step analysis is underway and making headway, but not yet complete.
2.2	Secure agreement on model inputs relative to life cycle attributes	03/31/2017	BEHIND SCHEDULE	Agreement secured	While we thought agreement had been reached on proceeing with a two-stage life cycle model that was developed for the regional recovery planning effort uncertainty around the use of speulative smolt production numbers created controversy.The discussion devolved and now is focused on retrospective model outputs.
2.3	Integrate retrospective model (Ruff, Anderson & Beamer, in preparation)	03/31/2017	BEHIND SCHEDULE	Model selected	Key members of the modeling group have now balked at this

	with modeling approached selected by regional NOAA Recovery Team				integration effort. See challenges discussion.
2.4	Begin populating model with agreed upon data	03/31/2017	BEHIND SCHEDULE	Life Cycle model compatible with regional approach populated with Skagit specific parameters	Progress stalled out for a significant period over disagreement on modeling inputs and uncertainties with two stage parameters. Course correction was needed here with new tack simplifying overall approach.

23a. Subaward Work Plan Component/Task: Generate products and narrative that links results to model outputs

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
3.1	Draft Chapters of Pressures, Stressors and Recovery Actions related to Habitat processes	03/31/2017	BEHIND SCHEDULE	Individual chapters for Draft Recovery Plan; Links to open standards framework; Results chains	Draft under construction and approx 75% complete. GIS work is completed chapter development underway-delayed by disagreement over modeling inputs.
3.2	Draft Chapters of Pressures, Stressors and Recovery Actions related to Hydro Elements	03/31/2017	BEHIND SCHEDULE	Individual chapters for Draft Recovery Plan; Links to open standards framework; Results chains	Draft under construction and approx 90% complete. Hydropower sections still new discussion and input on Baker River Sections.Recovery Actions have yet to be authored.
3.3	Draft Chapters of Pressures, Stressors and Recovery Actions related to Harvest Elements	03/31/2017	BEHIND SCHEDULE	Individual chapters for Draft Recovery Plan; Links to open standards framework; Results chains	Draft under construction approx 85% complete. FMEP development completed but waiting input from NOAA review.
3.4	Draft Chapters of Pressures, Stressors and Recovery Actions related to Hatchery Elements	03/31/2017	BEHIND SCHEDULE	Individual chapters for Draft Recovery Plan; Links to open standards framework; Results chains	Draft under construction approx 90% complete. Issues around what will be included as recovery actions are now starting to emerge.

23a. Subaward Work Plan Component/Task: Conduct gap analysis and develop research, monitoring and adaptive management modules based on results

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
4.1	Gap analysis based on working groups' evaluation of research questions, uncertainties with data, gaps in knowledge and monitoring strategies	03/31/2017	PLANNED	Identified gaps in knowledge base; Priorities in addressing gaps; Timeline for addressing gaps in our knowledge base	Gaps section is under development. Sections making headway on gap identification and writeups using common format.
4.2	Daft research Module based on regional priorities	03/31/2017	PLANNED	Specific research actions to address gaps in our knowledge base	Pending development and prioritization of knowledge gaps.
4.3	Draft Monitoring Module linked to Skagit MAMP Plan	03/31/2017	CURRENT	Monitoring strategy to inform progress toward goals	MAMP Plan is taking shape, but will likely be focused narrowly on habitat status and trends. Draft is underway for this section but behind schedule.
4.4	Adaptive Management Module linked to Skagit MAMP Plan	03/31/2017	CURRENT	Adaptive management framework for course correction	Same as above

23a. Subaward Work Plan Component/Task: Submit to stakeholders a draft implementation strategy for the recovery of Skagit Steelhead populations

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
5.1	Present draft to Regional Steelhead Recovery Group	03/31/2017	BEHIND SCHEDULE	Formal presentation	Draft plan will be ready late fall 2017

5.2	Present Draft to Skagit Watershed Council	03/31/2017	BEHIND SCHEDULE	Formal presentation	Draft plan will be ready late fall 2017
5.3	Present Draft to Skagit LIO	03/31/2017	CANCELLED	Formal presentation	Formation of LIO unlikely in Skagit
5.4	Solicit & incorporate comments	03/31/2017	CANCELLED	6-12 Preparation meetings	

CHALLENGES AND SOLUTIONS (specific to reporting period)

*24a. Task No., Sub-Task No.	*24b. Challenge	*24c. Solution
2.2 Secure agreement on model inputs relative to life cycle attributes	Local technical experts had planned on developing a three stage life cycle model. However, demands on work loads from other population concerns (e.g. coho, chum) limited the time and resources available to dedicate to this complex model development	Technical staff worked closely with regional modelers to evaluate and contribute to two stage life cycle model. Adoption of the 2 stage model provided the needed sophistication without requiring new work. However, further work is still needed with two stage model.
2.3 Integrate retrospective model (Ruff, Anderson & Beamer, in preparation) with modeling approached selected by regional NOAA Recovery Team	The complexities of integrating these two approaches is now more apparent and the quality of data limits our ability to get agreement on approach to integration	Discuss uncertainties of two stage model and move those gaps contributing to uncertainty to the data gap/monitoring chapter for future resolution. Process with retrospective modeling approach as organizing principle.
2.4 Begin populating model with agreed upon data	Achieving agreement on data inputs is time and resource consuming.	Keeping focused on not incorporating new work and staying keyed in on historic and archival data sources.
3.3 Draft Chapters of Pressures, Stressors and Recovery Actions related to Harvest Elements	Co-manager deliberations this spring related to setting harvest was dominated by conflict largely related to poor forecasts with coho returns. This conflict make it difficult to maintain focus on steelhead recovery work.	Resolution of conflict, in part due to policy positions and guidance provided by NOAA
5.3 Present Draft to Skagit LIO	Formation of LIO unlikely	We will look to present and engage PSP at a regional level

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

*25.

