



**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-00J227-01	*2a. Reporting Period Start Date:	04-01-2015	*2b. Reporting Period End Date:	9/30/2015
3. Recipient Organization (Name and complete address including zip code) Name: Skokomish Indian Tribe Address 1: North 80 Tribal Center Road Address 2: City: Shelton State: WA Zip Code: 98584-			4. Project Manager Contact Information Name: Jonathon Wolf & Lisa Belleveau Phone: (360) 877-5213 Ext: 2212 Fax: () - Email: jwolf@skokomish.org, lbelleveau@skokomish.org		
5a. Program (RFP) Tribal Capacity Assistance	5b. Project Title Skokomish Tribe Puget Sound Capacity Building		*6. Collaborating Organizations/Partners <input type="checkbox"/> Subawardee N/A		

<p>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.</p> <p>After completing the form, save and e-mail it to the Project Officer and cc: the Technical Monitor.</p>	<p>Project Officer: Lisa Chang U.S. Environmental Protection Agency Email: Lisa Chang (Chang.Lisa@epamail.epa.gov)</p> <p>Technical Monitor: U.S. Environmental Protection Agency Email:</p>	*7a. Name/Title of Person Submitting Report	Lisa Belleveau Habitat Biologist
		*7b. Date Report Submitted	10/30/2015

FUNDING/COST ANALYSIS

8a. Total EPA Assistance Amount Awarded:	\$1,042,252.00	8b. Funding Year (Federal Fiscal Year Funds Appropriated)	FY 2010-FY2015 1,042,252 ----- ----- -----	*9. Total EPA Amount Expended To-Date:	\$1,042,252.00	*10. Funds Drawn Down from EPA To-Date:	\$1,042,252.00
11. Match Amount Required	\$0.00	*12. Total Match Amount Expended 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 EPA Project Officer or Technical Monitor to respond to?		NA					

BUDGET UPDATE

	15a. APPROVED BUDGET			*15b. SPENT TO-DATE		
	EPA	MATCH	TOTAL	EPA	MATCH	TOTAL
Personnel	\$542,606.00	\$0.00	\$542,606.00	\$530,720.95		\$530,720.95
Fringe Benefits	\$162,782.00	\$0.00	\$162,782.00	\$167,864.08		\$167,864.08
Travel	\$5,000.00	\$0.00	\$5,000.00	\$9,761.95		\$9,761.95
Equipment	\$30,038.00	\$0.00	\$ 30,038.00	\$35,892.72		\$35,892.72
Supplies	\$12,962.00	\$0.00	\$12,962.00	\$16,297.60		\$16,297.60
Contracts	\$41,000.00	\$0.00	\$ 41,000.00	\$51,472.59		\$51,472.59
Other	\$0.00	\$0.00	\$ 0.00	\$5,488.61		\$5,488.61
TOTAL DIRECT CHARGES	\$794,388.00	\$0.00	\$794,388.00	\$817,498.50		\$817,498.50
Indirect Charges	\$247,864.00	\$0.00	\$247,864.00	\$224,753.50		\$224,753.50
TOTAL	\$1,042,252.00	\$0.00	\$1,042,252.00	\$1,042,252		\$1,042,252
*Explain Any Discrepancies:						

ECOSYSTEM GOALS ADDRESSED

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

DIRECT THREATS ADDRESSED

17a. Primary Threat	Dams/Levees/Tidegates
17b. Secondary Threat(s)	Surface Water Loading/Runoff from the Built Env Large Scale Timber Harvest -----

LINKAGES TO PUGET SOUND ACTION AGENDA

18a. Strategic Priorities Employed	Priority A Priority B Priority D Priority E -----
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18b. Near-Term Actions Supported	<p>A.2 (1) - Protect high-value habitat and land at immediate risk of conversion as identified through existing processes such as the salmon recovery plans and others.</p> <p>D.1 (1) - Coordinate implementation of existing plans and programs that support the Action Agenda, and realign or discontinue plans and programs that conflict with the strategies and actions set forth in the Action Agenda. Develop regional guidance for this coordination, including ways to minimize additional work for time-limited local staff.</p> <p>D.1 (3) - Continue the integration of habitat, harvest, and hatchery efforts in the salmon recovery plans and watershed three-year work plans.</p> <p>D.3 (1) - Integrate the work of the Puget Sound Nearshore Partnership (PSNERP), including the Estuary and Salmon Restoration Program, into the Puget Sound Partnership to improve efficiency, coordination, and to avoid overlap and duplication of efforts, as well as focus sufficient state, federal, tribal, and nonprofit organizational resources on protecting and restoring sites identified as part of the General Investigation.</p> <p>D.3 (3) - Fund tribes to participate in the refinement and implementation of the Action Agenda, including salmon recovery plans</p> <p>B.1 (1) - Implement restoration projects in the salmon recovery three-year work plans and the Estuary and Salmon Restoration Program of the Nearshore Partnership. Consider climate change impacts for projects.</p> <p>B.1 (2) - Complete large-scale restoration projects at the mouths of major river systems in Puget Sound where there is a high likelihood of re-creating ecosystem function. These large-scale projects often require funding amounts not typically available through current grant programs. Examples of projects that already have substantial analysis and are in progress include: Finish restoration of 762 acres of Nisqually Estuary by removing dikes to return the area to tidal influence; Restore 675 acres of the Snohomish River Estuary, including funding the 400-acre Smith Island Estuarine Restoration project; Restore 450 acres in the Skokomish Estuary.</p> <p>B.1 (3) - Restore floodplain and river processes where there is a high likelihood of re-creating ecosystem function. Examples include the lower 2.6 miles of the Dungeness River.</p>
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	E.4 (10) - Promote the inclusion of Puget Sound environmental, social, and economic issues in K-12 curricula and work to increase Puget Sound environmental service projects.
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18c. Other Actions Supported	<p>A.2 - Permanently protect the intact areas of the Puget Sound ecosystem that still function well. Permanent protection of intact habitat can translate to dedicated networks of open spaces, preserves, wildlife corridors, functional working resource lands, and nearshore, floodplain and estuarine environments. This is a keystone piece of the Puget Sound protection strategy.</p> <p>B.1 - Implement and maintain priority ecosystem restoration projects for marine, marine nearshore, estuary, freshwater, riparian, and upland areas.</p> <p>D.1 - Conduct planning, implementation and decision-making in an integrated way and from an ecosystem perspective consistent with the Action Agenda.</p> <p>D.3.1.1 - Continue and enhance the Puget Sound Partnership’s role and ability to foster collaboration and convene key stakeholders to resolve conflicts, coordinate actions, and advocate for Action Agenda implementation. This includes continuing to work with the Leadership Council, Ecosystem Coordination Board, and Science Panel, as well as elected officials, community leaders, government and interest-based caucuses, and tribes on implementation and refining the Action Agenda.</p> <p>D.3.1.3 - Provide sustained funding for local staff for the collaborative planning and implementation processes to facilitate implementation of the Action Agenda.</p> <p>D.3.4 - Provide capacity for Puget Sound tribes to enable implementation of Action Agenda priorities.</p> <p>Priority E - Build an implementation, monitoring, and accountability management system.</p> <p>E.1.1.3 - Prioritize and identify targets for ecosystem indicators.</p> <p>E.1.1.4 - Identify intermediate outcomes with measurable targets and benchmarks. As the ecosystem outcomes can be slow to respond to management actions and scientifically valid targets may not available, intermediate outcomes will be set and used to track progress and better link actions to goals. The intermediate outcomes have a scientific foundation and are more policy based than the ecosystem outcomes.</p> <p>E.1.2.1 - Establish a logic framework that shows how actions, strategies, and intermediate outcomes are logically linked and lead to achieving desired ecosystem outcomes and goals.</p> <p>E.1.2.2 - Develop and maintain detailed work plans for Soundwide elements of the Action Agenda with links between goals, strategies, threats, actions, and performance measures.</p> <p>E.4 - Use outreach and education to foster long-term changes in public attitudes and behavior.</p> <p>E.4.2.4 - Strengthen K-12 environmental programs to improve long-term understanding of Puget Sound issues and solutions, including curriculum development, teacher training and place-based, inquiry-driven learning opportunities for students.</p>
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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	Land Use/Land Cover				
20b. Additional Indicators	Eelgrass	Wild Chinook Salmon	Marine Water Quality Index	-----	-----

PROJECT LOCATION

21a. Latitude		21b. Longitude	
21c. Hydrologic Unit Code	17110017 - Skokomish	-----	-----
21d. Action Area	Hood Canal	-----	-----

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”)
Develop an extensive monitoring program for the estuary; including vegetation, water quality, sediment accretion, fish sampling, beach seining, fyke trapping, fallout traps.	Approved plan	1	1
Ecosystem Board Coordinator position to ensure further Hood Canal Action Agenda efforts and successful tribal co-management; includes meeting participation, draft plan reviews, recommendations.	Significant plans reviewed	20	45
Ensuring forest practices are not harming sensitive areas, to protect sensitive habitats and species within the Tribe’s U and A by reviewing forest practice applications.	Applications reviewed	60	115
Education outreach to Hood Canal School students to teach future generations stewardship and how to respect, protect and preserve their watershed.	Number of students participating	1850	2575
Leveraging additional funding to implement portions of the monitoring plan and expansion of the estuary restoration project.	Grants submitted	15	29
Staff to implement existing plans and programs under the Hood Canal Action Agenda such as: the Integrated Watershed Management Plan, salmon recovery plans.	Submitted comments	10	25

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: Review Forest Practice Applications

23b. Action Agenda Action(s) Addressed: Near-term actions A.2 (1), D.1 (1), D.1 (3); actions A.2, D.3.1.3

***23c. Estimated Costs:**

Actual Costs to Date:
(If required by PO)

23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
1	Review permit applications	9-30-2015	Complete	Review and/or comment on applications	Reviewed 3 Forest Practice Applications (FPA) within the Skokomish Tribe's Usual and Accustomed.
2	Review water type modification requests	9-30-2015	Complete	site verification	No Water type modifications reviewed during this reporting period.
3	Attend necessary meetings	9-30-2015	Complete	meeting attendance and input provided	Attended quarterly meetings at NWIFC Olympia office on 6/03/15 and 09/02/2015
4	Provide technical assistance on other restoration efforts in the watershed as necessary	9-30-2015	Complete	emails, phone calls, site visits	<p>Habitat Manager completed the following:</p> <p>Supervision of Habitat biologist for implementation of the EPA capacity funds, time sheets, input and review of project and reports,</p> <p>Skokomish Watershed Action plan monthly meetings: coordination of partnerships, outreach and education, updated 3 year action plan, annual meeting and site visit preps.</p> <p>Coordination and implementation of Skokomish estuary restoration with Mason Conservation District,</p>

				<p>permitting, site visits, meeting with grantors, contracting.</p> <p>April 1st and 14th HCCC CAG meetings</p> <p>May 18,19,20 Site reviews of SRFB projects in Hood Canal Lead entity</p> <p>May 22, review of HCCC evaluation criteria.</p> <p>May 26th, SKEPA Permit for estuary restoration for phase 3c with Mason Conservation District.</p> <p>May 28th RCO salmon conference</p> <p>May, June and July, Worked in coordination with Mike Andersen and Robin Stoddard on the Laird Norton grant to finalize the SWAT 3 year action plan.</p> <p>Also worked with Mason Conservation District on grant proposals for SRFB; Upper SF canyon assessment, Uppers South LWD, Main Stem LWD and Drafted resolution for the SRFB proposals</p> <p>July, HCCC lead entity meeting in Silverdale</p> <p>July 29th, Meeting with usfws and DOE grant folks for coastal wetland grant for tour of estuary, review of contract docs</p> <p>August and September, final review of SWAT action plan update</p> <p>August 7th HCCC lead entity board meeting with Citizens advisory group on projects.</p> <p>August 12, SWAT conference call.</p>
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					September 15 th review of work schedule for the SF canyon assessment.

23a. Work Plan Component/Task: Ecosystem Board Coordinator Position					
23b. Action Agenda Action(s) Addressed: Near-term actions D.1 (1), D.1 (3), D.3 (3); actions D.1, D.3.1.1, D.3.1.3, E.1.1.3, E.1.1.4, E.1.2.1, E.1.2.2					
*23c. Estimated Costs:					
Actual Costs to Date:					
(If required by PO)					
23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
1	Participating as an ECB member	9-30-2015	Complete	attend meetings, provide tribal input on significant work plans, support indicator development, phone calls, travel, other participation as necessary	Summary of Ecosystem Recovery Board Activities April – September 2015 This is a brief summary of some of the key issues that Tribal representatives of the Puget Sound Ecosystem Coordination Board (ECB) have been working on from April through September of 2015. With the approval of a new funding model by the Environmental Protection Agency for the Puget Sound Management Conference a whole new layer of work has been added to that of the ECB

				<p>and other Management Conference Boards as we develop details of the update of the Action Agenda and the implementation of the new funding model for June of 2016.</p> <p>A series of meetings of the Management Conference Board Chairs and Vice-Chairs has been convened to help to provide input to Partnership staff on the process for updating the action agenda including selection and development of more implementation strategies and developing and prioritizing near term actions both regional and local.</p> <p>The Puget Sound Treaty Tribes have begun developing a structure for the Tribal Management Conference during this period as well. The Tribes have also been developing the final version of "Analysis of Newly Approved County SMPs and Recommendations for Change" a report that looks at shoreline armoring and No Net Loss policy implementation and how they contribute to</p>
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				<p>the loss of nearshore critical nearshore functions in Puget Sound. While this was originally tasked to the ECB, it was transferred to the Salmon Recovery Council where a sub-committee was formed to develop the report. One of the ECB Tribal Representatives chair that sub-committee.</p> <p><u>State of the Sound Report</u> The State of the Sound report is due to the Governor by November 1, 2015 (see RCW 90.71.370 (3)). The primary goals of the report are to evaluate how well regional partners are implementing the Puget Sound Action Agenda, the extent of progress in implementing the Puget Sound Vital Signs, and to show how the status of the ecosystem is related to progress in implementing the Action Agenda. The target audience for the report will primarily be the legislature, and Action Agenda partners/implementers. The Ecosystem Coordination Board reviewed and provided comments to two draft versions of the State of the Sound</p>
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				<p>Report.</p> <p><u>Human Well Being Vital Signs & Indicators</u></p> <p>In 2010, seven indicators that were categorized under “Healthy Human Population” and “Human Quality of Life” Vital Signs were adopted as part of the Puget Sound Dashboard Indicators with the understanding that the indicators would be revised and updated as the scientific understanding on these issues evolved. In 2012, the Washington State Academy of Sciences (“WSAS”) reviewed all of the Puget Sound Vital Signs and concluded, “none of the current human dimension indicators relates clearly to quantifiable aspects of the state of the Sound.” Since 2012, the Partnership has been collaborating with partners to respond to this observation and develop an improved suite of human wellbeing indicators that better addresses the Partnership’s management needs.</p> <p>The Science Panel, the Ecosystem Coordination Board and many local partners have contributed to development of the Wellbeing Indicators. The Science Panel reviewed a candidate list of indicators at</p>
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				<p>their December 2014 meeting, coordinated two external science reviews, and endorsed the Wellbeing Indicators at their meeting on April 23rd. The ECB was briefed on the indicators multiple times over the past three years and had the opportunity to identify priority indicators as part of the partner and stakeholder review in fall 2014. Almost one hundred local (watershed, county, LIO, tribes, individuals) stakeholders and partners were engaged in development and selection of the indicators over the past three years.</p> <p><u>Implementation Strategies</u> Since mid-March, the staff at the Puget Sound Partnership and the Puget Sound Institute have worked with indicator leads and other partners to develop draft implementation strategies on 2020 acreage targets for Shellfish Beds and Estuaries. As developed previously for the eelgrass recovery strategy, the “products” developed during this period included updated results Chains, Recovery Schematics and corresponding Narratives. The Science Panel developed a set of recommendations on the Implementation Strategies and</p>
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					the ECB reviewed the paper and supported the Science Panel recommendations. In the interest of keeping this report brief I have only identified the highlights of the period. All of the ECB meeting materials are available on-line through the Puget Sound Partnership website.

23a. Work Plan Component/Task: Project Management					
23b. Action Agenda Action(s) Addressed: Near-term action D.3 (3); action D.3.4					
*23c. Estimated Costs:					
Actual Costs to Date:					
(If required by PO)					
23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
1	Filling out progress reports, MBE/WBE reports, financial reports, and reimbursement requests	9-30-2015	Complete	Reporting	Correctly filled out all forms, invoices and reports.
2	Collaboration with EPA and other partners on various aspects as it pertains to the Tribe's grant deliverables.	9-30-2015	Complete	Meetings, phone calls, conferences as warranted	Habitat Manager completed the following: Supervision of Habitat biologist for

				<p>implementation of the EPA capacity funds, time sheets, input and review of project and reports,</p> <p>Skokomish Watershed Action plan monthly meetings: coordination of partnerships, outreach and education, updated 3 year action plan, annual meeting and site visit preps.</p> <p>Coordination and implementation of Skokomish estuary restoration with Mason Conservation District, permitting, site visits, meeting with grantors, contracting.</p> <p>April 1st and 14th HCCC CAG meetings</p> <p>May 18,19,20 Site reviews of SRFB projects in Hood Canal Lead entity</p> <p>May 22, review of HCCC evaluation criteria.</p> <p>May 26th, SKEPA Permit for estuary restoration for phase 3c with Mason Conservation District.</p> <p>May 28th RCO salmon conference</p> <p>May, June and July, Worked in coordination with Mike Andersen and Robin Stoddard on the Laird Norton grant to finalize the SWAT 3 year action plan.</p> <p>Also worked with Mason Conservation District on grant proposals for SRFB; Upper SF canyon assessment, Uppers South LWD, Main Stem LWD and Drafted resolution for the SRFB proposals</p> <p>July, HCCC lead entity meeting in Silverdale</p>
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					<p>July 29th, Meeting with usfws and DOE grant folks for coastal wetland grant for tour of estuary, review of contract docs</p> <p>August and September, final review of SWAT action plan update</p> <p>August 7th HCCC lead entity board meeting with Citizens advisory group on projects.</p> <p>August 12, SWAT conference call.</p> <p>September 15th review of work schedule for the SF canyon assessment.</p>
3	NPSTORET entry	9-30-2015	Current	Data successfully entered into EPA's online STORET database	The Habitat Biologist has completed the data entry and QC; and now needs to get training on the newest version of the database; and then enter the data.
4	Grant writing to leverage funding for a more comprehensive estuary restoration	9-30-2015	Complete	Grants submitted for funding approval	<p>April 17th submitted EPA Capacity grant proposal draft.</p> <p>April 20th submitted an updated draft proposal to NWIFC for the Round 5 funds.</p> <p>May 14th submitted the EPA Capacity grant to grants.gov.</p> <p>August 10th submitted an application for the Forest and Fish Support Account (FFSA) FY 16-17 biennium funds.</p> <p>September 15th submitted a proposal for the NWIFC round 6</p>

					funds. Only the EPA Capacity grant has been approved and finalized.

23a. Work Plan Component/Task: Education and Outreach					
23b. Action Agenda Action(s) Addressed: Near-term action E.4 (10); actions E.4, E.4.2.4					
*23c. Estimated Costs:					
Actual Costs to Date: (If required by PO)					
23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
1	Planning and implementing various school focused education outreach events such as: Earth Day, specific efforts at school, or specific field visits to estuary	9-30-2015	Complete	School visits, estuary visits, sponsored events	<p>April 22nd was the Earth Day Celebration with over 255 students from Hood Canal school district in attendance, along with several Tribal Elders.</p> <p>May 7th lead an estuary tour for 2 new Tribal employees from the community development and legal department.</p> <p>June 10th lead estuary tour for 25 Hood Canal Junior High kids.</p> <p>July 10th participated in the Tribal Community Health Fair.</p> <p>July 11th participated in Shellfest at Tawanah Park.</p> <p>July 17th joined coworker on an estuary tour for Chehalis Basin, Tacoma Power and EPA folks (5-</p>

					7 people in attendance). August 25&26 lead an estuary tour for 3 EPA personnel from WA DC.

23a. Work Plan Component/Task: Collecting habitat data and conducting assessments of various estuary focused restoration projects.					
23b. Action Agenda Action(s) Addressed: Near-term actions D.3 (1), B.1 (1), B.1 (2), B.1 (3); action B.1					
*23c. Estimated Costs:					
Actual Costs to Date:					
(If required by PO)					
23d. Sub-Task No.	23e. Sub-Task Description	*23f. Date	*23g. Status	23h. Outputs/Deliverables	*23i. Remarks
1	QAPP	9-30-2015	Complete	Approved QAPP by EPA	QAPP was approved December 2011.
2	Comprehensive monitoring plan document being done in collaboration with Mason Conservation District	9-30-2015	Complete	Plan approved by multiple parties and funding agencies	This task has been accomplished
3	Collect habitat and monitoring data to ensure estuary restoration benchmarks are being met	9-30-2015	Complete	Data sheets	Data Sheets have been created and are being utilized.
3a.	Vegetation monitoring - annual	9-30-2015	Complete	Field work	Conducted annual vegetation monitoring in July/August 2015.
3b.	Sediment accretion monitoring - annual	9-30-2015	Complete	Field work	Sediment Pin measurements collected in July/August with the

					Vegetation surveys.
3c.	Fallout traps - monthly sampling from March through September	9-30-2015	Complete	Field work	This task has been accomplished and deliverables received.
3d.	Fish sampling: beach seining, fyke netting, stomach analysis	9-30-2015	Complete	Field work	Beach seining is performed at 40 large channel sites (10 in each area) and 8 small channel sites (4 in each restoration area) each month. From October 2014 through March 2015 sampling was performed during 27 sampling days completing a total of 183 seine sets. Flooding during this season occurred frequently creating missed sampling dates of Restoration 1 and Control 1 in October; and small channels in March. All other sampled dates affected by flooding were able to be reschedule. November of 2014 also marked the end of three complete years of sampling, with one more year in 2015 to complete the "initial response phase" of the fish use effectiveness monitoring. This group of four years will be used to assess the restoration vs control areas and other groups of four years which will be considered "developing response phases. In the 2014 season a total of 283 Chinook have been captured at 73% of all sampling sites in 2014. Chum salmon have been captured at every single sampling site with a total of 5018 in 2014. A total of 852 coho were been captured at 52% of all sampling sites. During the 2014 sampling season fourteen different species were been captured including the

					key species: Chinook, chum, coho salmon, and surf smelt. This data is being entered into the Nearshore data exchange program.
3e.	Water quality monitoring: temp, DO, salinity, conductivity, elevation	9-30-2015	Complete	Field work	<p>Three additional water monitoring sites were installed in March 2015 to capture Phase 1 conditions, resulting in a total of 6 stations. All 6 probes were downloaded and calibrated during this reporting period; as well as the barometric logger downloaded.</p> <p>However, we had one probe fail during our Oct download and used our final back-up probe.</p>
3f.	Data analysis	9-30-2015	Current	Data sheets verified and data QA/QC'd and statistically validated as per protocols	The Habitat Biologist has completed the data entry and QC; and is currently conducting initial analysis and graph creation to present the findings in a brief final report.
3g.	Draft findings, report writing, peer review, final report	9-30-2015	Current	Draft and final annual monitoring reports	Initial analysis has begun and some graphs have been created to explore the data. Any trends discovered will be further explored and reported in our final report to the Tribal Council and EPA.
3h.	Presenting results	9-30-2015	Planned	Presenting findings at staff meetings, colleague events, conferences	We plan to present findings at a meeting with our EPA partners in January. And likely some presentations at the local schools and future events/conferences.

CHALLENGES AND SOLUTIONS (specific to reporting period)

*24a. Task No., Sub-Task No.	*24b. Challenge	*24c. Solution
3. NPSTORET data entry	Previous years of data needed to be entered and QC'd. That task needed to be accomplished before the data can be entered into the shared database.	The Habitat Biologist has completed the data entry and QC; and now needs to get training on the newest version of the database; and then enter the data.
3f, g, h. data analysis, findings, and report	New Habitat Biologist started year 5 of a five year grant. It has taken time to compile the past 4 years of data, correct data entry errors, and prepare spreadsheets for analysis.	The Habitat Biologist has completed the data entry and QC; and is currently conducting initial analysis and graph creation to present the findings in a brief final report.
3e. Water Monitoring	We had another Solinst probe fail during our Oct download, but we had one final back-up probe.	From here out we will replace failing Solinst with Schlumberger probes, because they are of higher quality and every time a Solinst probe fails we lose data.

HIGHLIGHTS/LESSONS LEARNED/REFLECTIONS

***25.**
 Some major accomplishments for this reporting period include: annual vegetation and sediment pin monitoring completed, entire grant cycle of data compiled, data entered and QC'd with some initial analysis conducted, and four grant applications submitted.

The Earth Day Celebration was a huge success with over 250 students from Hood Canal school district in attendance, along with several Tribal Elders. There were several activity stations including: clam seeding on the beach, salmon life cycle game, and marine life touch tanks.

Beach seining is performed at 40 large channel sites (10 in each area) and 8 small channel sites (4 in each restoration area) each month. From October 2014 through March 2015 sampling was performed during 27 sampling days completing a total of 183 seine sets. Flooding during this season occurred frequently creating missed sampling dates of Restoration 1 and Control 1 in October; and small channels in March. All other sampled dates affected by flooding were able to be reschedule. November of 2014 also marked the end of three complete years of sampling, with one more year in 2015 to complete the "initial response phase" of the fish use effectiveness monitoring. This group of four years will be used to assess the restoration vs control areas and other groups of four years which will be considered "developing response phases. In the 2014 season a total of 283 Chinook have been captured at 73% of all sampling sites in 2014. Chum salmon have been captured at every single sampling site with a total of 5018 in 2014. A total of 852 coho were been captured at 52% of all sampling sites. During the 2014 sampling season fourteen different species were been captured including the key species: Chinook, chum, coho salmon, and surf smelt. This data is being entered into the Nearshore data exchange program.

Summary of Ecosystem Recovery Board Activities
 April – September 2015

This is a brief summary of some of the key issues that Tribal representatives of the Puget Sound Ecosystem Coordination Board (ECB) have been working on from April through September of 2015. With the approval of a new funding model by the Environmental Protection Agency for the Puget Sound Management Conference a whole new layer of work has been added to that of the ECB and other Management Conference Boards as we develop details of the update of the Action Agenda and the implementation of the new funding model for June of 2016.

A series of meetings of the Management Conference Board Chairs and Vice-Chairs has been convened to help to provide input to Partnership staff on the process for updating the action agenda including selection and development of more implementation strategies and developing and prioritizing near term actions both regional and local.

The Puget Sound Treaty Tribes have begun developing a structure for the Tribal Management Conference during this period as well. The Tribes have also been developing the final version of “Analysis of Newly Approved County SMPs and Recommendations for Change” a report that looks at shoreline armoring and No Net Loss policy implementation and how they contribute to the loss of nearshore critical nearshore functions in Puget Sound. While this was originally tasked to the ECB, it was transferred to the Salmon Recovery Council where a sub-committee was formed to develop the report. One of the ECB Tribal Representatives chair that sub-committee.

State of the Sound Report

The State of the Sound report is due to the Governor by November 1, 2015 (see RCW 90.71.370 (3)). The primary goals of the report are to evaluate how well regional partners are implementing the Puget Sound Action Agenda, the extent of progress in implementing the Puget Sound Vital Signs, and to show how the status of the ecosystem is related to progress in implementing the Action Agenda. The target audience for the report will primarily be the legislature, and Action Agenda partners/implementers.

The Ecosystem Coordination Board reviewed and provided comments to two draft versions of the State of the Sound Report.

Human Well Being Vital Signs & Indicators

In 2010, seven indicators that were categorized under “Healthy Human Population” and “Human Quality of Life” Vital Signs were adopted as part of the Puget Sound Dashboard Indicators with the understanding that the indicators would be revised and updated as the scientific understanding on these issues evolved. In 2012, the Washington State Academy of Sciences (“WSAS”) reviewed all of the Puget Sound Vital Signs and concluded, “none of the current human dimension indicators relates clearly to quantifiable aspects of the state of the Sound.” Since 2012, the Partnership has been collaborating with partners to respond to this observation and develop an improved suite of human wellbeing indicators that better addresses the Partnership’s management needs.

The Science Panel, the Ecosystem Coordination Board and many local partners have contributed to development of the Wellbeing Indicators. The Science Panel reviewed a candidate list of indicators at their December 2014 meeting, coordinated two external science reviews, and endorsed the Wellbeing Indicators at their meeting on April 23rd. The ECB was briefed on the indicators multiple times over the past three years and had the opportunity to identify priority indicators as part of the partner and stakeholder review in fall 2014. Almost one hundred local (watershed, county, LIO, tribes, individuals) stakeholders and partners were engaged in development and selection of the indicators over the past three years.

Implementation Strategies

Since mid-March, the staff at the Puget Sound Partnership and the Puget Sound Institute have worked with indicator leads and other partners to develop draft implementation strategies on 2020 acreage targets for Shellfish Beds and Estuaries. As developed previously for the eelgrass recovery strategy, the “products” developed during this period included updated results Chains, Recovery Schematics and corresponding Narratives. The Science Panel developed a set of recommendations on the Implementation Strategies and the ECB reviewed the paper and supported the Science Panel recommendations.

In the interest of keeping this report brief I have only identified the highlights of the period. All of the ECB meeting materials are available on-line through the Puget Sound Partnership website.

Habitat Manager completed the following:

Supervision of Habitat biologist for implementation of the EPA capacity funds, time sheets, input and review of project and reports,

Skokomish Watershed Action plan monthly meetings: coordination of partnerships, outreach and education, updated 3 year action plan, annual meeting and site visit preps.

Coordination and implementation of Skokomish estuary restoration with Mason Conservation District, permitting, site visits, meeting with grantors, contracting.

April 1st and 14th HCCC CAG meetings

May 18,19,20 Site reviews of SRFB projects in Hood Canal Lead entity

May 22, review of HCCC evaluation criteria.

May 26th, SKEPA Permit for estuary restoration for phase 3c with Mason Conservation District.

May 28th RCO salmon conference

May, June and July, Worked in coordination with Mike Andersen and Robin Stoddard on the Laird Norton grant to finalize the SWAT 3 year action plan.

Also worked with Mason Conservation District on grant proposals for SRFB; Upper SF canyon assessment, Uppers South LWD, Main Stem LWD and Drafted resolution for the SRFB proposals

July, HCCC lead entity meeting in Silverdale

July 29th, Meeting with usfws and DOE grant folks for coastal wetland grant for tour of estuary, review of contract docs

August and September, final review of SWAT action plan update

August 7th HCCC lead entity board meeting with Citizens advisory group on projects.

August 12, SWAT conference call.

September 15th review of work schedule for the SF canyon assessment.

