

## THE SUQUAMISH TRIBE

P.O. Box 498

Suquamish, Washington 98392

**Final Report: SF-2015-I-2B**July 7, 2017

## **RE:** Southern British Columbia Chum Salmon Mixed Stock Identification. Year 4 of 4 (Suquamish Component)

Consistent with the Pacific Salmon Commission (PSC) file SF-2015-I-2B the following submittal fulfills the "Contribution Agreement" between the Suquamish Tribe and the PSC, dated October 26, 2015. Apologies for the delay in completing this submittal.

The Chum Technical Committee developed a strategic plan in 2012 which included building and expanding genetic baselines for genetic stock identification in US and CDN Management or Conservation Units. The continuing work in these areas is critical to the successful implementation of the Chum Annex (Chapter 6, Pacific Salmon Treaty, 2009). One component of this ongoing work was the need for mixed stock fishery sampling in principle fishing areas. The PSC Southern Endowment Fund awarded the Chum TC funding to complete 4 years of sampling in southern Canadian and northern US fishing waters.

## Southern Chum Strategic Plan Tier 1 WorkShop Priority 3 Fishery Sampling Genetic Baseline Expansior Priority 2 Priority 1 Tier 2 Escapement Future Priority 1 Reference Escapement Data ChumGEM\* Points model/database Catch Data Priority 4 Bio data Juvenile Data \*Genetic Model Outputs Environmental Model Catch by CU/MU, Escapement trends, CU/MU Reconstructions, Exploitation, Survival

As described in the SEF Detailed Proposal Form (Schedule B of SF-2015-I-2B) the Suquamish Tribe facilitated the communication and organization of procurement of chum tissue sampling from US area waters. This work included collaborating with multiple Fisheries Management Agencies and partners (Treaty Tribes and State of Washington) prior to the commercial fishing period to ensure sample collection occurred during seasonal fisheries. Tissue samples were then hand transported to representatives of the Canadian Pacific Biological Station for analysis.

The compiling and formatting of data provided by the PBS was discussed periodically through email exchanges and at the principle meetings of the Chum TC in Vancouver, BC (Jan 12-16 2015) and in Portland, Oregon during the PSC Annual meetings (Feb 9-13, 2015). In addition to these meetings of the full Bi-lateral Chum Technical Committee, the US Co-chair facilitated discussion amongst US co-managers to coordinate data quality and agreement. These efforts occurred via email exchanges as well as during the US domestic salmon planning process.

Attached find summary spreadsheet of US hours where work products related to this contract progressed. US staff hours have totaled 236.5 hrs. In the proposal \$4,259 US was awarded for Suquamish participation, as described in Schedule C much of the US participation was "in-kind" contributions by staff involved to date.

Respectfully,

JS Zischke
Jay Zischke
Marine Fish Program Manager, Suquamish Tribe
US Co-Chair
Chum TC, PSC

Cc: Greg Trueb, Suquamish Finance Director

## Chum Mixed Stock Project 2015

hr log	ChumTC	JZ (\$41.5)	B Patton	S Bass	M Small	
2013						
16-Jul	1.5	6	1.5	1.5	1.5	
2014						
14-16 Jan	4	8	4	4	4	
11-13 Feb	3.5	8	3.5	6	4	
12-14 May	8	10	8	8	8	
6-Aug		4				
20-Nov		6.5				
2015						
12-15 Jan	6	8	6	6	6	
9-12 Feb	6	16	10	6	6	
24-Feb		4				
5-7 May	16	16	16	16	16	
mid July				8		
				•	_	

US staff 45 86.5 49 55.5 45.5 236.5 sum