

Updated study plan

Alouette River Salmon Restoration Program

● activity planned

○ activity place holder/pending results of other activities

Issue	Proposed scope	Species	Timeline											
			2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Habitat availability	Assess availability and suitability of Gold Creek—spawning and rearing	Chinook, Coho, Steelhead, Cutthroat, Chum, Pink		●										
Habitat availability	Assess availability downstream—spawning and rearing	Chinook, Cutthroat, Steelhead		●										
Annual stock assessments	Spawner success—release adults into Gold Creek	Coho, Steelhead, TBD based on habitat availability assessment				○	○							
Technical feasibility of restoration options	Assess various technologies for upstream and downstream options evaluation should consider: effectiveness, flows, engineering, cost	All species		●	●									
Entrainment	Entrainment study design	Sockeye	●											
Entrainment	Hydroacoustic monitoring	Sockeye		●	●	○								
Hatchery smolt production	10-year experimental hatchery— 1. Heritability 2. Increase outmigration 3. Operating feasibility	Sockeye			○	●	●	●	●	●	●	●	●	●
Adult enumeration	Historical records of BC Corrections/ Province/DFO (minor task) to inform technical feasibility (operations, migration timing, abundance, etc.)	All species		●										
Annual workplan review	Review outstanding tasks, priorities, adjustments, drafting restoration plan			●	●	●	●	●	●	●	●	●	●	●
Salmon restoration plan Draft							○							
Ongoing annual monitoring														
Smolt outmigration	Outmigration monitoring	Sockeye, Coho		●	●	●	●	●	●	●	●	●	●	●
Adult enumeration	Fish fence/trap and truck	Sockeye		●	●	●	●	●	●	●	●	●	●	●