

Appendix 1: Example Table of Objectives, Activities, Measures and Timelines for Fisheries Proposals

Objective 1: Determine timing and distribution of wild adult and juvenile steelhead migration in Trout River			
Activity #	Activity Name	Measures of Success	Timeline
1.1	Capture and PIT tag wild steelhead	Steelhead captured at a minimum of 4 river sites (“stations”) and individually PIT tagged (notional target is 350 juvenile and 50 adult tagged fish annually)	April 2020-March 2021
1.2	Weekly data download of PIT arrays at the 4 primary monitoring stations	# of fish tagged as juveniles detected (scanned) during annual smolt migration; # of returning adults scanned; all fish detections reported by array or capture location(s) and dates	April 2020-March 2021
1.3	Recruit local licenced angling guides to assist with adult steelhead tagging (PIT plus Floy tags), and subsequent recaptures during annual migration	# of adult steelhead initially tagged, scanned and recaptured (target is 10 guides assisting and 50 fish captured and tagged annually); all fish captures reported by river location(s) and dates	January - March 2021
1.4	Enter all fish tagging and detection data in standardized database and calculate migration patterns (distance vs. time) for tagged smolts and returning adults	All data QA/QC checked. Migration timing determined for individual smolts and returning adults; summary report completed for each year of steelhead migration study	April 2020-March 2021

Objective 2: Investigate, plan and design spawning habitat improvements for wild steelhead in Trout River.			
Activity #	Activity Name	Measures of Success	Timeline
2.1	Identify, map and assess spawning habitat characteristics and identify limitations (by areal extent, distribution and quality)	# of stream reaches mapped and spawning habitat quantified (target is 5 reaches, annually). Detailed maps prepared that identify current spawning habitat distribution, area (in meters squared) and possible limitations (e.g., sedimentation; substrate size)	July 2020 to October 2020
2.2	Develop a preliminary, reach-specific restoration plan and designs to enhance spawning habitat that appears to be limiting	Gravel restoration plan developed with short and long-term objectives; site-specific designs for gravel introductions; potential spawning habitat created at 5.4 square meters per spawning pair	November 2020 - February 2021
2.3	Distribute draft plan to seek input on restoration recommendations and steelhead stock rebuilding objectives	Hold Zoom meetings with provincial fisheries staff, First Nations and public stakeholders (target is 3 meetings annually)	January – March 2021