

APPENDIX F: Salmon Recovery Model (SARM)

Scoring Criteria	Possible Score	TAG Score
<u>PRIORITY SPECIES</u>		
Steelhead	4	
Bull trout	4	
Sockeye	1	
Spring Chinook	2	
Summer Chinook	1	
Fall Chinook	1	
Coho	1	
Total	14	
<u>INSTREAM FLOW AND HYDROGRAPH</u>		
1a Improves degraded instream flow and/or hydrograph (e.g. water rights placed in trust, quantified cfs added)	4	
1b assess instream flow needs (IFIM) or design project to improve instream flow and/or hydrograph	3	
<u>WATER QUALITY</u>		
2a improves degraded water quality (e.g. temperature, sediment, nutrients, etc.)	4	
2b assess/design projects that improve degraded water quality (e.g. temperature, sediment, nutrients, etc.)	3	
<u>IN-CHANNEL HABITAT (e.g., LWM, spawning gravel, pool/riffle ratios)</u>		
3a protects spawning and/or rearing habitat	5	
3b improves or creates spawning and/or rearing habitat (cover, etc.)	4	
3c assess/design spawning and/or rearing habitat conditions and needs	3	
<u>HABITAT ACCESS</u>		
4a restores access for juvenile and/or adult to high quality habitat (structural/flow/temp)	5	
4b restores access for juvenile and/or adult to functional habitat (structural/flow/temp)	4	
4c assess/design habitat access	3	
<u>DIVERSION SCREENING</u>		
5a protects fish from entrainment, impingement and other diversion or screen induced mortality	5	
5b assess/design diversion screening	3	
<u>FLOODPLAIN CONNECTIVITY/RIPARIAN CONDITION</u>		
6a protects functioning floodplain and riparian (e.g., acquisition)	5	
6b improves degraded floodplain and/or riparian functions (e.g., dike breaching)	4	
6c assess/design floodplain connectivity and/or riparian corridor & functions	3	
<u>HIGH PRIORITY PROJECT</u>		
7 project is a TAG Focused Project (see 2021 list)	10	
Total Habitat Score		0.0
Total Species & Habitat Score		0.0

WF1 = Quality and Quantity (1.0 - 2.0)	Score	
Quality > 3 miles 1 to 3 miles < 1 mile		
High 2.0 1.8 1.4		
Medium 1.8 1.6 1.2		
Low 1.4 1.2 1.0		
WF2 = Certainty of Success (0.0 - 1.0)	Score	
1.0 if reasonably certain of success about 100%		
0.5 if moderately certain of success about 50%		
0.0 of low certainty of success about 0%		
WF3 = Benefit/Cost (0.5 - 1.5)	Score	
1.5 if High Benefit/Cost		
1.0 if Medium Benefit/Cost		
0.5 if Low Benefit/Cost		
WF4 = Longevity of Benefit (0.5 - 1.5)	Score	
1.5 if High Sustainability		
1.0 if Medium Sustainability		
0.5 if Low Sustainability		
Total Score		0