

Eel River Fish Passage Technology – SIMPLIFIED Assessment Tool_Working Draft 08.09.2018_v2

Tool would be used to help work group consider and prioritize fish passage concepts relative to one another for Ad Hoc Consideration.

	Viability: Rank of 1-10 (1 is the best and 10 is the worst)							
	Juvenile Steelhead	Adult Winter Run Steelhead	Adult Summer Run Steelhead	Juvenile Chinook	Adult Chinook	Lamprey	Other Native Species	Non-Native Species
Biological Feasibility for Upstream Passage ¹								
Biological Feasibility for Downstream Passage ²								
Predation and other Risk Factors								
Habitat and Water Quality								

¹ Likelihood for upstream migration delay, and/or expenditure of energy for upstream migration, and/or reduced egg viability from upstream migration. Ability to allow upstream passage for other native fish species, and if relevant, restrict upstream passage for non-native fish species

² Likelihood for downstream migration delay and/or downstream injury/mortality. Ability to allow downstream passage for other native fish species, and if relevant, restrict downstream passage for non-native fish species

Fish Passage Concept: _____

OTHER VARIABLES	Rank: 1-10 (with 1 as the best)	NOTES
Engineering and Geotechnical Feasibility		
Hydrologic impairment		(could be ranked as deviation from natural flow regime for Eel and Upper Eel)
Water Delivery or Storage Potential		
Operations: Feasibility to function properly under a range of reservoir operations and flow/wood/sediment conditions (water ops, maintenance, management, reliability, etc.)		
Cost: Construction		Very general (millions, tens of millions, hundreds of millions)
Cost: Operations & Maintenance		
Risks & Uncertainties		