

Draft Juvenile Salmon Floodplain Rearing Habitat Suitability Criteria, Floodplains Reimagined, March 2023

Criteria	Source	Range	Value
Timing	CVHE	November 1 – June 30	1
Duration	compilation of sources, intermediate value	≥ 14 days	1
		< 14 days	0.66
Depth	based on AHG feedback/ CVPIA SIT and Yolo 2012 RPA depth preferences	> 0.9 ft	1
		0.6 to 0.9 ft	0.66
		< 0.6 ft	0
Velocity	CVHE	≤ 1.5 ft/s	1
		> 1.5 ft/s	0
Connectivity	based on AHG feedback	Naturally inundated areas are connected if hydraulically connected to each other and upstream/downstream waterways	1
		For managed fields: A connectivity event starts when a field perimeter berm overtops and ends when the field becomes disconnected via all structures or depth drops below 0.6 ft. There are two types of potential connectivity within a connectivity event:	
		Field berm overtopping (initiates connectivity event)	1
		Within a connectivity event with flow over the outlet weir or through the leaky outlet structure, where field depth is at least 0.6 ft. Assumes that boards are pulled at 0.6 ft depth to allow egress	0.66
		Outside of a connectivity event	0
Land Cover	based on AHG feedback	Riparian / Wetlands / Open Water	1
		Rice / Other Ag	0.66
stranding potential - separate analysis of areas that are disconnected (and then reconnect or go dry) to evaluate spatially			