

**Table 2.5.2-5. Summary Exposure, Risk, Response table for species and life-stages affected by the Winter – Spring Minimum Flows component of the PA.**

Species	Life-stage	Exposure	Risk	Stressor	Response as Expected Change in Fitness (Method Used)
Winter-run Chinook salmon	Juveniles	5% - 10% of population (Medium)	~30% of years	<ul style="list-style-type: none"> <li>Flow Conditions</li> <li>Loss of Riparian Habitat and Instream Cover</li> <li>Loss of Natural River Morphology and Function</li> </ul>	<ul style="list-style-type: none"> <li>Decreased growth rate (WUA analyses)</li> </ul>
Spring-run Chinook salmon	Juveniles	90 – 95% of population (Large)	~30% of years	<ul style="list-style-type: none"> <li>Flow Conditions</li> <li>Loss of Riparian Habitat and Instream Cover</li> <li>Loss of Natural River Morphology and Function</li> <li>Loss of Floodplain Habitat</li> </ul>	<ul style="list-style-type: none"> <li>Reduced growth rate</li> </ul>
Steelhead	Spawning Adults, Redds, Juveniles	All (Large)	~30% of years	<ul style="list-style-type: none"> <li>Spawning Habitat Availability</li> <li>Flow Conditions</li> <li>Loss of Riparian Habitat and Instream Cover</li> <li>Loss of Natural</li> </ul>	<ul style="list-style-type: none"> <li>Increased growth rate (WUA analyses)</li> <li>Reduced survival probability (dewatering,</li> </ul>

I've made comments in the winter run section that may be applicable for other species.

NMFS What is the source information for?

Cathy Marcinkevage Text was inserted above

NMFS I don't understand how all the "loss"

Cathy Marcinkevage Text corrected to reflect

**Cathy Marcinkevage**

From 8d8:

What about mortality from juvenile stranding? Note reduced growth rate is not described in the narrative, so please double check stressors and responses in Table are addressed in narrative and vice versa.

**Cathy Marcinkevage**

From 8d8:

I don't believe this is discussed in the narrative.

NMFS What does this mean? Can you be?

Cathy Marcinkevage This is one of the stressors

**NMFS**

Wouldn't reduction in flood plain habitat be a stressor associated with lower than natural flows in the spring?

**Cathy Marcinkevage**

Floodplain habitat loss was added and will be discussed in effects text.

NMFS I still don't understand where the

Cathy Marcinkevage information on source of

NMFS Again, can you explain why

Cathy Marcinkevage The STH spawning WUA