

## Willapa Bay Policy Review: Summary Descriptions and Analysis of Alternatives

	<b>Alternative 1</b>	<b>Alternative 2</b>	<b>Alternative 3</b>
	Pure Status Quo 2015 Willapa Bay Policy <sup>1</sup>	Fish Committee Draft Alternative <sup>2</sup>	October 27 Draft Staff Recommendation <sup>3</sup>
<b>Brief Description of Alternative</b>	Manage for wild fish with reduced fisheries; fall chinook sport fishery priority and commercial priority for coho	Manage for a mix of hatchery and wild fish and meaningful fisheries	Wild/hatchery mgmt specifics deferred to 3624 process; near Alternative 1 specifics on fisheries mgmt.
<b>Wild Fish Management Strategies</b>	HSRG protocols	ESU-based spawner objectives with enhanced wier operations	Deferred to 3624 process
<b>Hatchery Program Size Goal</b>	Forks Creek: 0.35 M; fall chinook Nemah: 3.3 M; Naselle: 0.8 M	Forks Creek: 3.5+ M; Nemah: TBD M; Naselle: 5+ M	Deferred to 3624 process
coho	No size goal specified	Goals TBD, but at least at current levels	Deferred to 3624 process
chum	None; experiments possible	Nemah Hatchery only: 2+ M	Deferred to 3624 process
<b>Fishery Management Controls</b>			
Rebuilding Program	16-21 year rebuilding program for fall chinook (2015 start)	No rebuilding program; manage to escapement goals	Continue 2015 rebuilding pgm for fall chinook
Take Limits	Fall chinook in-Bay limit of 14%; escapement goal based for coho with <10% incidental limit; chum limit of 5% - 33%	Take limits based on pre-season forecasts and spawning escpement goals; incidental take rates TBD when < forecast	When < escapement goal: Fall chinook in-Bay limit of 20%, 10% for coho, 5-10% for chum; all subject to 3/5 previous yr feature
Sport & Commercial fishery allocation	fall chinook: high sport priority coho and chum: commercial priority; area/date controls	"first and last crack" for rec; no specific alloc; relaxed time/area controls	The same general priorities but with relaxed area/date controls except north-bay areas (2T, 2U)

Miscellaneous

natural spawner goal reviews

Experimental approach for wild hatchery fall chinook mgmt.;  
new Alt gear approach

Anything?

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Alternative 1	
Pure Status Quo	2015
Willapa Bay Policy <sup>1</sup>	

Alternative 2	
Fish Committee Draft	November
2021 Alternative <sup>2</sup>	

Alternative 3	
October 27 Draft Staff	Recommendation <sup>3</sup>

**High Level Analysis of Alternatives**

	<u>Forks Ck</u>	<u>Nemah</u>	<u>Naselle</u>	<u>Forks Ck</u>	<u>Nemah</u>	<u>Naselle</u>	<u>Forks Ck</u>	<u>Nemah</u>	<u>Naselle</u>
hatchery programs in 2022 and beyond									
fall chinook	0.35 M	3.3 M	0.8 M	3.5+ M	3.3 M	5 M		unknown	
coho	300 K	0	1.4 M	TBD	TBD	TBD		unknown	
chum	experimental only			0	2 M	0		unknown	
Average take in fisheries after implementation (year 5 and later) sport commercial	show averages for each species			show averages for each species			show averages for each species		
Status of wild fish populations at point of 2015 rebuilding plan target date (2033) fall chinook coho chum	show Willapa Bay aggregates and river by river data			show Willapa Bay aggregates and river by river data			show Willapa Bay aggregates and river by river data		

1 <https://wdfw.wa.gov/about/commission/policies/willapa-bay-salmon-management>

2 See December 2, 2021 Fish Committee draft for concepts and language drafting assignments to staff.

3 See staff draft presented at the November 2, 2021 Fish Committee meeting