

Statewide Steelhead Management Plan EIS Alternatives (“...seek to protect and restore steelhead to achieve cultural, economic, and ecosystem benefits for current and future residents...” taken from the management plan goal statement)

Description of approach	Most Conservative	Preferred Alternative	No Change in Program Emphasis - Status Quo	Least Conservative	Exploitative
Categories:	Alternative 1 Maximize wild protection	Alternative 2 Increased wild protection	Alternative 3 Current Approach	Alternative 4 Increased fishing opportunity	Alternative 5 Maximize harvest opportunity
Natural Production	Manage for maximum return of wild fish	Manage to protect and restore at-risk wild populations	Current wild fish protection strategy	Manage for harvest as higher priority than wild conservation. 100% MSH – no wild buffer	Manage for maximum harvest
Habitat Protection and Restoration	Seek legislation to gain higher level of jurisdiction over habitat actions	Protect, restore and increase anadromous and resident habitat	Protect habitat through current HPA process and work with Federal critical habitat designations	Protect habitat through current HPA process and work with Federal critical habitat designations	Maintain habitat for fish transport and access to fishing. Use hatcheries to replace habitat loss
Fisheries Management	No directed steelhead utilization; overall mortality reduced to an incidental rate approaching 0%	Limit incidental mortality to less than 10% on the under escaped wild runs. Manage fisheries for VSP to ensure: abundance, productivity, spatial structure and life history diversity objectives are achieved	Limit harvest programs to a 10% incidental mortality rate	Increase harvest programs to maximize rates within 10% directed mortality on wild runs	Maximum harvest rate on hatchery and wild fish.
Artificial Production	Eliminate all hatchery competition with wild populations. Initiate conservation programs where required to maintain the population.	Improve and modify current hatchery programs to limit impacts on wild anadromous and resident fish Significantly reduce outplants in places where	Produce fish to meet current harvest objectives.	Increase (segregated) hatchery production; add integrated to offset increased impact on wild	Significantly increase integrated hatchery production
Regulatory Compliance	Habitat, hatchery and harvest compliance emphasis	Prioritize hatchery and harvest compliance with a focus on at-risk and key populations	Use current voluntary and regulatory compliance programs As funds are available in the capitol budget, bring hatchery programs into compliance	Hatchery and harvest compliance emphasis	Harvest compliance emphasis
Monitoring, Evaluation and Adaptive Management	Monitoring and evaluation plans for SaSI unknown populations and conservation hatchery programs	Prioritize and develop monitoring and evaluation plans for key indicators populations in each region to inform decision making	No formal Agency monitoring and evaluation plans to inform decision making regarding wild impacts	Monitoring and evaluation plans with a fishery focus to inform decision making regarding wild impacts	Monitoring and evaluation plans to maximize/optimize return and harvest of hatchery fish
Research	Identify and prioritize conservation research	Identify, prioritize and implement genetic and ecological research	Continue the current limited research being conducted	Prioritize and conduct research on integrated hatchery programs	Prioritize and conduct research on selective fishery impacts
Outreach and Education	Implement conservation outreach and education to promote actions in all the “H’s for wild fish	Increase and enhance outreach and education for wild fish protection promote proper C&R	Maintain current limited outreach and education;	Develop materials to display fishing opportunities, techniques and proper C&R techniques	Develop materials to display fishing opportunities and techniques