

LIST OF QUESTIONS FOR CONSIDERATION IN PREPARING COMMENTS ON
MITCHELL ACT HATCHERY DRAFT ENVIRONMENTAL IMPACT STATEMENT (DEIS)

Council Staff has developed a draft list of potential questions, the answers to which may be useful to the Ad Hoc Mitchell Act Committee in developing recommendations for Council consideration at the November Council meeting. Recognizing that many agencies represented at the Council may be conducting concurrent reviews of the DEIS, candidates to answer questions are shown with the goal of not assigning questions to Council advisory bodies or Council staff that might be duplicative of activity already planned by other entities. The Council confirmed the thrust of the questions and tasked Council staff with communicating the process and questions to the parties as soon as possible.

1. Have the population and fishery impacts methodologies used in the analysis been peer reviewed, and is there agreement with the States and Tribes that it represents the best available science? **(WA, OR, ID, Tribes, AK, NMFS)**
2. Are the mitigation requirements and responsibilities under the Mitchell Act adequately described in the DEIS? **(WA, OR, ID, Tribes, AK)**
3. What are the other alternatives that meet the purpose and need of the proposed action that were not included in the DEIS? **(USFWS, NMFS)**
4. Can hatchery reform concepts other than percent of hatchery origin spawners (pHOS) and percent of natural origin broodstock (pNOB), such as natural rearing strategies, be used to develop alternatives that meet the purpose and need of the DEIS but maintain more production than Alternatives 3-5? **(Tribes, AK, OR, WA, ID)**
5. What fisheries are assumed in the analysis to be mark-selective, and at what point in time? **(OR, WA, ID, Tribes, AK, NMFS)**
6. Were Native American tribes engaged in government to government consultations in development of the DEIS, including but not limited to the four Washington coastal treaty tribes and the four Columbia River treaty tribes? **(Tribes)**
7. Are the impacts to all ocean fisheries in areas under management authority of the Pacific Council, the Pacific Salmon Commission, and the State of Alaska included in the analysis of each alternative in DEIS (harvest impacts to individual fishery strata, socioeconomic impacts, and the environmental justice analyses)? **(STT)**
 - If not, what is the list of fisheries not included and what is the relationship of Mitchell Act hatchery production to the stock composition of those fisheries? **(STT)**
8. Are impacts in all Columbia River basin fisheries included in the DEIS, including tributary ceremonial and subsistence and recreational fisheries? **(Tribes, OR, WA, ID)**

9. Is production from all Columbia Basin hatcheries included in the analysis? (**USFWS, OR, WA, ID, Tribes**)
10. Is the methodology describing economic impacts complete and proper, including the use of consistent metrics? (**SSC Economic and Salmon Subcommittees**)
11. Were expected benefits to fisheries from increased wild production included in the economic analyses? (**WA, OR, ID, Tribes, AK**)
12. Were current fishery and hatchery management agreements used to estimate impacts (e.g., *US v Oregon*, Pacific Salmon Treaty Chinook Annex, *US v Washington*, *Hoh v Baldrige*, etc.)? (**WA, OR, ID, Tribes, AK**)
13. Were impacts to commitments and expectations in the PST, *US v Oregon*, *US v Washington*, *Hoh v Baldrige* properly described in the DEIS? (**WA, OR, ID, Tribes, AK**)
14. Are there relevant sources of information omitted from socioeconomic analysis? (**SSC Economic and Salmon Subcommittees**)
15. Is the temporal scale of the impact assessment adequate? (**WA, OR, Tribes, ID, AK**)
16. Are the natural salmon populations targeted for restoration, particularly those that become limiting factors in hatchery production, appropriately identified? (**WA, OR, ID, Tribes, Council Staff**)
17. Recognizing recent changes in the hatchery practices that have already occurred, what is the period used to decide the status quo alternative? (**OR, USFWS, NMFS**)
18. Are the DEIS alternatives consistent with adopted state recovery plans? (**OR, WA, ID**)

PFMC
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