

State Water Resources Control Board - Revised February 23, 2010

Informational Proceeding to Develop Flow Criteria for the Delta Ecosystem - Questions

Party submitting questions:

American Rivers

Priority ¹	Question	Witness
1	<p>Have alterations in the historic timing and volume of Delta outflows adversely affected the viability of pelagic and anadromous fishes which use the Delta? <i>Note: the question goes to whether flow alterations have adversely affected species condition to any extent. It does not assume any particular significance of flow relative to other stressors for a given species.</i></p> <ul style="list-style-type: none"> • If yes, please specify which alteration(s) have had that adverse effect. • If no, do you believe that the recent declines in pelagic and anadromous fishes has been caused entirely by other stressors? 	Hydrology
1	<p>Are Delta flows a stressor for pelagic fishes in the Delta? <i>Note: the question goes to whether baseline flows adversely affect the species. It does not assume any particular significance of flows relative to other stressors for such species.</i></p>	Pelagic
2	<p>What, if any, Delta flows are beneficial to pelagic fishes?</p>	Pelagic
3	<p>Over the next 10 years, will pelagic fishes decline in viability, if Delta flows stay the same?</p>	Pelagic
4	<p>Over the next 10 years, will pelagic fishes improve in viability, if Delta flows increase?</p>	Pelagic

5	What Delta flows do you recommend to improve the viability of pelagic fishes over the next 10 years, assuming that other stressors for these species are NOT reduced during that same period?	Pelagic
6	What Delta flows do you recommend to improve the viability of pelagic fishes over the next 10 years, assuming that other stressors for these species are significantly reduced during that same period?	Pelagic
7	Does floodplain habitat benefit pelagic fish? If so, how?	Pelagic
1	Is flow a stressor for anadromous fishes in the Delta? <i>Note: the question goes to whether flow affects such species. It does not assume any particular significance of flow relative to other stressors for such species.</i>	Anadromous
2	What, if any, Delta flows are beneficial to anadromous fishes?	Anadromous
3	Over the next 10 years, will anadromous fishes decline in viability, if Delta flows stay the same?	Anadromous
4	Over the next 10 years, will anadromous fishes improve in viability, if Delta flows increase?	Anadromous
5	What Delta flows do you recommend to improve the viability of anadromous fishes, assuming that other stressors for these species are NOT reduced during that same period?	Anadromous
6	What Delta flows do you recommend to improve the viability of anadromous fishes over the next 10 years, assuming that other stressors for these species are significantly reduced during that same period?	Anadromous

8	Does floodplain habitat benefit anadromous fish? If so, how?	Anadromous
1	What are the most significant stressors for pelagic fish in the Delta?	Other Stressors
2	Which of these stressors are dependent on flows, and which are independent? <i>Note: such nexus is a matter of degree. The question goes to which stressors may be managed effectively via flows, and which must be managed primarily by some other strategy.</i>	Other Stressors
3	In explaining the current condition of pelagic fishes, what is the relative significance of flows versus other stressors which are independent of flows?	Other Stressors
4	What do you recommend as priority strategies to manage other stressors for pelagic fishes?	Other Stressors
5	What are the most significant stressors for anadromous fish in the Delta?	Other Stressors
6	Which of these stressors are dependent on flows, and which are independent?	Other Stressors
7	In explaining the current condition of anadromous fishes, what is the relative significance of flows versus other stressors which are independent of flows?	Other Stressors
8	Over the next 10 years, what do you recommend as priority strategies to manage other stressors for anadromous fish?	Other Stressors
1	Do the current hydrodynamics within the Delta adversely affect pelagic fishes in the Delta? How so?	Hydrodynamics
2	Over the next 10 years, what do you recommend as priority strategies to reduce any adverse effects of hydrodynamics on pelagic fishes in the Delta?	Hydrodynamics

3	Do the current hydrodynamics within the Delta adversely affect anadromous fishes in the Delta? How so?	Hydrodynamics
4	Over the next 10 years, what do you recommend as priority strategies to reduce any adverse effects of hydrodynamics on anadromous fishes in the Delta?	Hydrodynamics
¹ Please identify the top 10 priority questions concerning each participant's testimony or exhibits, with 1 being the highest and 10 being the lowest priority.		