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Questions and Issues

To facilitate discussion on ways to prevent an adverse impact to steelhead trout in the Santa Ynez River from the introduction of "State water" the following questions and issues need to be addressed:

- 1) What is the flow rate (cfs) for "State water" that is expected to be delivered to Bradbury Dam?, by month.
- 2) What is the maximum flow rate (cfs) for "State water" that can be delivered to Bradbury Dam when the system becomes operational?
- 3) What is the amount (acre feet) of "State water" that is expected to be delivered to Bradbury Dam?, by month.
- 4) What are the water quality characteristics (temperature, dissolved oxygen, chemistry, etc.) of the "State water" that will be pumped to the Dam. Data should include characteristics of the water at its source and information regarding any changes expected at the point of discharge to the Lake/River (i.e. temperature and dissolved oxygen changes). Data should include daily maximum, minimum temperature, dissolved oxygen values, etc., and monthly averages for 1995 and 1996. Additionally, monthly minimum and maximum temperature values for the last 10 years would be desirable. To the extent that these data already exist in other documents, there probably is not a need to do new data runs. Should additional data compilations be necessary, coordination with NMFS staff may be desirable to eliminate unnecessary work.
- 5) What are the guiding principles to be used to determine when and how much "State water" will be delivered to Bradbury Dam?
- 6) What are the flexibility and constraints presently available in applying principles noted for #5 above?

Factors to be considered to protect steelhead trout include:
Avoiding new temperature, dissolved oxygen, and chemical impacts
Avoiding velocity barriers to long pool, stilling basin, & Hilton Creek
Avoiding impacts related to imprinting or attracting.