

Supporting Document B (SD B) Technical Study Reports Introduction

Supporting Document B (SD B) contains Technical Study Reports (TSRs) developed for the relicensing of Placer County Water Agency's (PCWA) Middle Fork American River Project (MFP or Project). These TSRs are a result of implementation of 28 FERC-approved Technical Study Plans (TSPs) that were developed in consultation with representatives from resource agencies, Native American Tribes, non-governmental organizations, and members of the public (SD B). Refer to the attached table for the status of each TSR.

It should be noted that the list of Project facilities and features, Project recreation facilities and features, and potential Project improvements (i.e., betterments) that were studied has evolved over the course of the relicensing process. For this reason, the reader may see different lists of facilities and features and improvements in TSRs. For example, only one Project improvement (Hell Hole Reservoir Seasonal Storage Increase Improvement) is carried forward in the Proposed Action; and some facilities evaluated in the relicensing studies were later determined unnecessary for future operation or maintenance of the MFP. Section 4.0 – Proposed Action of Exhibit E contains a list and description of the final Project facilities and features (Table 4-1), Project recreation facilities and features (Table 4-2), and Project improvements included under the Proposed Action and analyzed in this Application for New License (License Application).

Each TSR includes a description of the study objectives, study area, approach, data analysis and results. Draft TSRs were distributed to the resource agencies, Native American Tribes, non-governmental organizations, and members of the public for a 60- or 90-day comment period, depending on the TSR. Following receipt of comments, a Final TSR addressing relicensing participant comments was prepared and distributed. All of the Final TSRs were included in the Draft License Application with the following exceptions:

- The AQ 9 – Geomorphology TSR was included in the Draft License Application as a Draft TSR. No comments were received by relicensing participants during the 90-day comment period. A Final AQ 9 – Geomorphology TSR (PCWA 2011; SD B) is included in Supporting Document B (SD B) of the Final License Application.
- The AQ 5 – Bioenergetics TSR was completed after the Draft License Application was distributed. The AQ 5 – Bioenergetics TSR (PCWA 2011; SD B) is included in SD B of the Final License Application.
- The AQ 7 – Entrainment Contingency TSR was completed after the Draft License Application was distributed. The Draft AQ 7 – Entrainment Contingency TSR (PCWA 2011; SD B) was distributed to the relicensing participants for a 30-day review and comment period on December 27, 2010 with comments due on January 21, 2011. No comments were received from relicensing participants.

The Final AQ 7 – Entrainment Contingency TSR is included in SD B of the Final License Application.

- The AQ 8 – Reservoir Fish Habitat TSR was completed after the Draft License Application was distributed. The Draft AQ 8 – Reservoir Fish Habitat TSR (PCWA 2011; SD B) was distributed to the relicensing participants for a 30-day review and comment period on December 16, 2010 with comments due on January 17, 2011. No comments were received from relicensing participants. The Final AQ 8 – Reservoir Fish Habitat TSR is included in SD B of the Final License Application.

Literature Cited

Placer County Water Agency (PCWA). 2010. AQ 9 – Geomorphology Technical Study Report (2010). Available in PCWA's Application for New License – Supporting Document B.

_____. 2011. AQ 5 – Bioenergetics Technical Study Report (2011). Available in PCWA's Application for New License – Supporting Document B.

_____. 2011. AQ 7 – Entrainment Contingency Study Technical Study Report (2011). Available in PCWA's Application for New License – Supporting Document B.

_____. 2011. AQ 8 – Reservoir Fish Habitat Technical Study Report (2011). Available in PCWA's Application for New License – Supporting Document B.