

1 *Delta Outflows*, and Appendix 5F, *Comparison of FEIRS Alternative 2D, 4A, and 5A Modeling Results to*  
 2 *RDEIR/SDEIS Modeling Results*, present a range of operational scenarios to depict potential  
 3 operations that are expected to be approved during environmental subsequent permitting. An  
 4 adaptive management program, which includes a monitoring and reporting program, as described  
 5 below, will be implemented to develop additional science during the course of project construction  
 6 and operation to inform and improve conveyance facility operations. The initial range of operations  
 7 that is expected to be authorized through the Section 7 consultation and 2081(b) permit processes  
 8 is as assumed to range between operational scenarios H3 and H4 at the early long-term time period.  
 9 **In order to facilitate an efficient analysis of impacts** associated with a potentially large range of  
 10 different operations that could be selected between H3 and H4, **the analysis of Alternative 4A**  
 11 **utilized Scenario H3 plus additional spring outflow (H3+) as an operational impact analysis starting**  
 12 **point, to be consistent with the assumptions in the BA**, which were being completed at the time of  
 13 the Alternative 4A analyses. **While the analysis for Alternative 4A in the resource chapters utilizes**  
 14 **H3+ modeling results, actual operations will ultimately depend on the results of the adaptive**  
 15 **management program.** Operations between H3 and H4 have been fully analyzed for Alternative 4A  
 16 in the EIR/EIS. Appendix 5E (*Supplemental Modeling Requested by the State Water Resources Control*  
 17 *Board Related to Increased Delta Outflows*) includes the results of H3 and H4 modeling. Modeling  
 18 information for Alternative 4A with the H1 and H2 scenarios (which is the same as Alternative 4 at  
 19 ELT) is provided in Appendix 11G, *Supplemental Modeling Results at ELT for Alternative 4 at H1 and*  
 20 *H2*.

21 Implementation of the proposed project will include dual conveyance operations of the Projects,  
 22 utilizing both new and existing water conveyance facilities once the new North Delta Diversion  
 23 facilities are completed and become operational. Operations included in this proposed project for  
 24 south Delta export facilities would supplement the south Delta operational limits currently  
 25 implemented with the 2008 USFWS and 2009 NMFS BiOps. The CVP/SWP will continue to operate  
 26 pursuant to the 2008 USFWS and 2009 NMFS BiOps until the new facilities are constructed. Once the  
 27 new facilities are operational, the new biological opinion for the proposed project will replace and  
 28 supersede the 2008 USFWS and 2009 NMFS BiOps for operations of the CVP and SWP as described  
 29 below, which includes both new operational provisions and operational provisions that will remain  
 30 in effect unmodified. As such, once the new facilities are operational, CVP and SWP operations not  
 31 described in this chapter will continue to operate pursuant to the 2008 USFWS and 2009 NMFS  
 32 BiOps.

33 The operational range presented for the proposed project also incorporates existing criteria from  
 34 the USFWS and NMFS BiOps (including Fall X2), and adds additional criteria for spring outflow and  
 35 new minimum flow criteria at Rio Vista from January through August. The north Delta diversions  
 36 and the head of Old River barrier would be new facilities for the CVP and SWP and would be  
 37 operated consistent with the proposed operating criteria for these facilities. All other criteria  
 38 included in the USFWS and NMFS BiOps and D-1641 would continue to apply, subject to  
 39 adjustments made pursuant to ongoing adaptive management or to other ongoing processes. The  
 40 following facilities will require modified or new operational criteria:

- 41 ● North Delta intakes.
- 42 ● South Delta export facilities (including export rates and OMR flows).
- 43 ● Head of Old River barrier.
- 44 ● Delta Cross Channel gate.