DRAFT BIOLOGICAL ASSESSMENT FOR CALIFORNIA WATER FIX

WORKING DRAFT

Cover / Title Page / Chapter 1: Introduction
Chapter 2: Consultation History
Chapter 3: Description of the Proposed Action
Chapter 4: Action Area and Environmental Baseline
Chapter 5: Effects Analysis for Chinook Salmon, Central Valley Steelhead, Green Sturgeon, and Killer Whale
Chapter 6: Effects Analysis for Delta Smelt and Terrestrial Species
Chapter 7: Effects Determination

APPENDICES:
Appendix 1.A, Species Lists—U.S. Fish and Wildlife Service
Appendix 3.A, Map Book for the Proposed Action
Appendix 3.D, Assumed Construction Schedule for the Proposed Action
Appendix 4.A, Status of the Species and Critical Habitat Accounts
Appendix 5.A, CalSim II Modeling and Results
Appendix 5.B, DSM2 Modeling and Results
Appendix 5.C, Upstream Water Temperature Methods and Results
Appendix 5.D, Quantitative Methods and Detailed Results for Effects Analysis of Chinook Salmon, Central Valley Steelhead, Green Sturgeon, and Killer Whale
Appendix 5.E, Essential Fish Habitat Assessment
Appendix 5.F, Selenium Analysis
Appendix 5.G, Projects to Be Included in Cumulative Effects Analysis for the Conveyance Section 7 Biological Assessment
Appendix 5.H, Construction Effects Tables for Salmonids and Green Sturgeon
Appendix 6.A, Quantitative Methods for Biological Assessment of Delta Smelt

ATTACHMENTS:
Attachment 5.D.1, Reclamation Salmon Mortality Model
Attachment 5.D.2, SALMOD Model
Attachment 5.E.2, Fall-/Late Fall-Run Chinook Salmon Water Temperature Threshold Analysis Results

FIGURES:
Figure 6.2: Riparian Brush Rabbit Distributions
Figure 6.3: San Joaquin Kit Fox Distributions
Figure 6.4: California Least Tern Distributions
Figure 6.5: Least Bell’s Vireo Distributions
Figure 6.6: Western Yellow-Billed Cuckoo Distributions
Figure 6.7: Giant Garter Snake Distributions
Figure 6.8: California Red-Legged Frog Distributions
Figure 6.9: California Tiger Salamander Distributions
Figure 6.10: Valley Elderberry Longhorn Beetle Distributions
Figure 6.11: Vernal Pool Crustacean Distributions
Chapter 3 Figures