

# Revised Phase II Report

## (Draft Preferred Program Alternative Decision Document)

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*The Phase II Interim Report provided a summary of the CALFED Phase II activities at the time of the Draft Programmatic EIS/EIR (March 98). CALFED will revise and update that report to show the status of the Phase II activities in late 1998 with documentation to support the draft preferred program alternative. Much of the background material will remain the same as the March 1998 report; main changes are expected in the areas of new analyses (Diversion Effects on Fisheries Team deliberations, modeling of potential operational changes, description of draft preferred program alternative, impact analysis for the draft preferred program alternative, etc.). The Revised Phase II Report (expect 200-300 pages) in December 1998 will accompany other EIS/EIR documents but could also be used as a stand-alone report of Phase II evaluations.*

	<u>Page</u>
<b>EXECUTIVE SUMMARY</b> .....	
<i>(Summary of the Program, its unprecedented scope, the range of alternatives for solutions, the draft preferred program alternative, and major changes in this report since March 1998 version)</i>	
<b>1. INTRODUCTION</b> .....	
<i>(Relatively unchanged from March 98 interim, except that Next Steps will be for period between the Draft and Final EIS/EIR)</i>	
<b>1.1 The Program</b> .....	
<i>(Brief discussion of CALFED organization and Phases I, II, and III; unchanged from March 98)</i>	
<b>1.2 Public Involvement</b> .....	
<i>(Summary of recent efforts; include reference to public comments on draft programmatic EIS/EIR)</i>	
<b>1.3 Next Steps in Phase II</b> .....	
<i>(Summary of activities between this draft and final in late 1999 to finalize the Programmatic EIS/EIR)</i>	
<b>2. FUNDAMENTAL PROGRAM CONCEPTS</b> .....	
<i>(This chapter provides the reader insight on the important concepts that helped guide Program development. An understanding of these concepts will help the reader understand why CALFED alternatives are structured the way they are.)</i>	
<b>2.1 Interrelationships</b> .....	
<i>(Everything is interrelated; relatively unchanged from March 98, mainly editing of storage &amp; conveyance)</i>	
<b>2.2 System Variability</b> .....	
<i>(Must have a Program that functions with significant hydrologic variability; unchanged from March 98)</i>	
<b>2.3 Summary of Strategies</b> .....	
<i>(Focus on summary of ecosystem and water management strategies but also briefly describe strategies for levee system and water quality)</i>	
<b>2.4 Adaptive Management</b> .....	
<i>(Revise to show how adaptive management works for all elements including major single decisions like</i>	

storage)

**2.5 Related Concepts** .....  
*(These are other concepts that figure prominently in any successful Bay-Delta solution. Brief discussion of area-of-origin protections, common pool, etc.; relatively unchanged from March 98)*

**3. PROGRAM ALTERNATIVES** .....  
*(Description of the twelve alternatives in the draft programmatic EIS/EIR. Show how assurances, financing, monitoring, and long-term implementation plan support the alternatives and make them function. The details of these are developed in later chapter for preferred program alternative.)*

**3.1 Program Elements** .....  
*(Revised for updated status for each of 8 program elements which work together to form alternatives)*

**3.2 Twelve Alternative Variations** .....  
*(These were used for evaluation in the programmatic EIS/EIR; relatively unchanged from March 98)*

**4. PREFERRED PROGRAM ALTERNATIVE DEVELOPMENT** .....

**4.1 Initial Evaluations** .....  
*(These evaluations will help sort through advantages and disadvantages and help select a preferred program alternative from the range of potential alternatives. This evaluation is a tool for getting to preferred program alternative)*

**Discussion of Features of the Twelve Alternative Variations** .....  
*(Some description of how parts of the 12 alternative variations were judged to be unsatisfactory or beneficial; basically conclusions of the IDT process)*

**Description of the Three Alternatives Categories** .....  
*(The three main categories of alternatives; unchanged from March 98)*

**The 18 Distinguishing Characteristics** .....  
*(The 18 items that show the differences between alternatives. Unchanged from March 98)*

**Evaluation with Distinguishing Characteristics** .....  
*(This will contain analyses for each of the 18 characteristics. The alternatives evaluation will be similar to that from March 98 but will be based on updated modeling, technical group judgements, etc. Each distinguishing characteristic will have a short writeup and figure to portray the relationship between existing conditions, no-action, and alternatives 1,2, and 3. Will not show the preferred program alternative with these because of staged decision making.)*

**Comparison of Alternatives** .....  
*(Summary of how the alternatives performed and additional support on why diversion effects on fisheries and drinking water quality are the major factors in the performance of alternatives. This comparison leads to need for supplemental analysis in 4.2 below)*

**4.2 Supplemental Analysis** .....  
*(Analysis since March 98 to support this Revised Phase II Report; information used to help develop the draft preferred program alternative)*

**Diversion Effects on Fisheries Team** .....  
*(Summarize discussions of DEFT)*

**Potential Operational Changes** .....  
*(Information on potential flexible operational changes as result of DEFT not previously discussed in Draft EIS/EIR)*

**Trinity and American River Water Supply** .....  
*(A side bar analysis with new impact analysis for the potentially affected resource categories)*  
**Summary of Response to Comments on Programmatic EIS/EIR** .....  
*(A paragraph on each of the 5-10 big issues and reference to Attachment A)*

**4.3 Draft Preferred Program Alternative** .....  
*(Extract portions from preferred alternative framework. Identify status of Program at time of ROD and Certification in Attachment B)*

**Structure of a Preferred Alternative** .....  
*(Program elements, etc.)*  
**Staged Implementation and Staged Decision Making** .....  
*(Provide rationale for staging and reference initial emphasis on Stage 1 provided in Attachment C to give reader a sense of how initial implementation may unfold in Stage 1. The Stage 1 actions in Attachment C are not part of the preferred program alternative since they are more specific and require subsequent environmental documentation. Discuss emphasis on defining Stage 1 and need for bundling certain actions to help move Program forward for all resource areas)*  
**Implementation Strategies for Delta Conveyance and Surface Storage** .....  
*(Outline the primary and contingent strategy for conveyance and strategy for surface storage)*  
**Conditions and Linkages for Future Decisions** .....  
*(Insert the conditions and linkages from Developing a Draft Preferred Program Alternative document)*  
**Supporting Information** .....  
*(Include additional detail on governance and assurances, finance, CMARP, water project operating rules, and long-term implementation which are tailored to support the preferred program alternative. Refer to Attachment D for example specific assurances for Stage 1 and Attachment E for example financing plan for Stage 1)*

**4.4 Summary of Impact Analysis for Draft Preferred Program Alternative** .....  
*(To help identify impacts and benefits of draft preferred program alternative. Would compile impact analysis from the original Draft EIS/EIR that applies to the preferred program alternative and supplement here with new analysis primarily for changes in project operations not addressed in EIS/EIR. Summarized by study zones for each of the following resources.)*

**Bay-Delta Hydrodynamics and Riverine Hydraulics** .....  
**Water Quality** .....  
**Water Supply and Management** .....  
**Groundwater Resources** .....  
**Geology and Soils** .....  
**Noise** .....  
**Transportation** .....  
**Air Quality** .....  
**Fisheries and Aquatic Ecosystems** .....  
**Vegetation and Wildlife** .....  
**Agricultural land and Water Use** .....  
**Agricultural Economics** .....  
**Agricultural Social Issues** .....  
**Urban Land Use** .....

Urban Water Supply Economics .....  
 Utilities and Public Services .....  
 Recreational Resources .....  
 Flood Control Resources .....  
 Power Production and Energy .....  
 Regional Economics .....  
 Cultural Resources .....  
 Public Health and Environmental Hazards .....  
 Visual Resources .....  
 Environmental Justice .....  
 Indian Trust Assets .....

**5. OTHER CONTINUING/FUTURE WORK EFFORTS** .....  
*(Updated from March 98)*

- 5.1 Restoration Coordination** .....  
*(Status of on-going implementation, summary of costs and categories of contracts)*
- 5.2 Summary of Regulatory Compliance** .....  
*(State and Federal Endangered Species Act Compliance, Clean Water Act Section 404(b)(1) Guidelines, Coastal Zone Management Act, etc.)*
- 5.3 Phase III Site-Specific Environmental Documentation** .....  
*(Show need for site-specific documentation plus feasibility studies needed for support)*

**6. GLOSSARY OF TERMS** .....  
*(Revision of March 98 with our new frequently used terms, words, etc.)*

**ATTACHMENTS**

- A. Summary of Response to Comments**  
*(More complete summary than in Chapter 4; mention complete version with Final Programmatic EIS/EIR in 1999. This will provide an overview of comments and a summary of key issues for each program element)*
- B. Status of Program Development at the Time of ROD and Certification**  
*(Currently an 8 page portion of "framework" document to give a sense of what will be available at time of the ROD and Certification)*
- C. Stage 1 Actions**  
*(From Developing a Draft Preferred Program Alternative document. These are more specific than the programmatic level of detail in the EIS/EIR, but are provided here to give a sense of how implementation is expected to begin)*
- D. Example Assurances for Stage 1**
- E. Example Financing Plan for Stage 1**