

CALFED
Programmatic
Environmental Impact Statement/
Environmental Impact Report

Draft Outline
-Overall Outline-
-Sample Section Outline-

November 18, 1997

Draft Major Section Outline
CALFED Programmatic EIS/EIR
November 12, 1997

I INTRODUCTION

1.1 Introduction to CALFED

- 1.1.1 Background
- 1.1.2 Framework Agreement
- 1.1.3 December 15, 1994 Accord
- 1.1.4 Structure of CALFED
- 1.1.5 CALFED Phases I, II, and III

Notes on Selected Sections

Section 1.1.1 will include a concise statement of the issues to be addressed by CALFED.

1.2 CALFED Program Goals and Objectives

1.3 Purpose and Need for the Program

1.4 CALFED Solution Principles

1.5 Phase III - Next Steps in CALFED Process

- 1.5.1 Adaptive Management
- 1.5.2 Implementation

1.6 Organization and Contents of the Programmatic EIS/EIR

- 1.6.1 Level of Detail and Tiering of Information
- 1.6.2 Main Document
- 1.6.3 Technical Appendices
- 1.6.4 Actions Which Will Be Taken Based on this Programmatic EIS/EIR

Section 1.6.1 will discuss the concept of representative ranges and its use in establishing ranges of impacts.

Sections 1.6.2 and 1.6.3 will describe what is contained within each section of the EIS/EIR, and explain how the document will be used.

II PROGRAM DESCRIPTION

2.1 Alternative Development

- 2.1.1 CALFED Phase I Process
- 2.1.2 Actions/Action Categories and Phase I Preliminary Alternatives
- 2.1.3 Twenty Initial Alternatives
- 2.1.4 Ten Refined Alternatives
- 2.1.5 CALFED Phase II Process

2.2 Phase II Alternatives

- 2.2.1 No Action Alternative
- 2.2.2 Alternative 1
- 2.2.3 Alternative 2
- 2.2.4 Alternative 3

Section 2.2 will provide a general discussion of the No Action Alternative and the three Phase II alternatives and their 17 configurations (1A-1C, 2A-2E, and 3A-3I).

2.3 Description of Program Elements

- 2.3.1 Ecosystem Restoration
- 2.3.2 Water Quality
- 2.3.3 Levee System Integrity
- 2.3.4 Water Use Efficiency
- 2.3.5 Watershed Management
- 2.3.6 Water Storage
- 2.3.7 Water Conveyance

Section 2.3 will present concise but comprehensive summaries (5 to 10 pages) of program elements with reference to more detailed appendices. Program elements common to all alternatives will be identified.

Section 2.3.4 will a discussion of the Water Transfers program element.

2.4 Program Geographic Scope

- 2.4.1 CALFED Problem and Solution Areas
- 2.4.2 Description of Geographic Scope for the Programmatic EIS/EIR
- 2.4.3 Description of Geographic Areas

Section 2.4 will include a summary of the early approach to the geographic scope, explain how it evolved into the existing study area, and include the study area map.

2.5 CALFED Alternative Refinement and Decision Process

- 2.5.1 Alternative Refinement Process
- 2.5.2 Selection of a Preferred Program
- 2.5.3 Information and its Application to the Decision Process

Section 2.5.2 will discuss the process for selecting a preferred alternative, including the distinguishing characteristics and the optimization process.

2.6 Operational Assumptions and Regulatory Framework

- 2.6.1 Water Quality Standards
- 2.6.2 Water Rights
- 2.6.3 Drinking Water Standards
- 2.6.4 Endangered Species Biological Opinions
- 2.6.5 SWP/CVP Operations
- 2.6.6 Public Trust Doctrine

Section 2.6 will describe the regulatory environment and may be eliminated if it is redundant with the No Action description.

2.7 Alternatives Not Carried Forward for Further Evaluation

Section 2.7 will include a description of the 5 configurations dropped during the narrowing from 17 to 12 configurations, and refer to section 2.1 for further information.

III SUMMARY COMPARISON OF THE ENVIRONMENTAL IMPACTS

- 3.1 No Action**
- 3.2 Alternative 1**
- 3.3 Alternative 2**
- 3.4 Alternative 3**

IV PREFERRED PROGRAM

- 4.1 Introduction**
- 4.2 CALFED Preferred Program**
 - 4.2.1 Program Elements**
 - 4.2.2 Mitigation Strategy**
- 4.3 Implementation Strategy for the Preferred Program**
 - 4.3.1 Assurances**
 - 4.3.2 Financial Plan**

Section 4.1 will refer the reader to section 2.5 for a discussion of the selection process and the information used as the basis of selection.

Section 4.2 will describe the specific and unique characteristics of the preferred program elements with reference to chapter II for a more complete description.

V INTRODUCTION TO IMPACT ANALYSIS

- 5.1 Significance Criteria**
- 5.2 Assessment Methods**
- 5.3 CALFED Study Area**
- 5.4 The Use of Representative Examples**
- 5.5 Comparison of Program Elements to the No Action Alternative**
- 5.6 Comparison of Program Elements to Existing Conditions**
- 5.7 Mitigation Strategies and Monitoring**
- 5.8 Potential Significant Unavoidable Impacts**
- 5.9 The Use of Summary Information**

Chapter V will provide a description of the contents of the impact analysis sections, including why and how they were developed.

VI PHYSICAL ENVIRONMENT

6.1 Surface Water Resources

- 6.1.1 Affected Environment/Existing Conditions
- 6.1.2 Environmental Consequences: Surface Water Hydrology
- 6.1.3 Environmental Consequences: Bay-Delta Hydrodynamics and Riverine Hydraulics
- 6.1.4 Environmental Consequences: Water Quality
- 6.1.5 Environmental Consequences: Water Supply and Water Management

6.2 Groundwater Resources

- 6.2.1 Affected Environment/Existing Conditions
- 6.2.2 Environmental Consequences: Groundwater Hydrology
- 6.2.3 Environmental Consequences: Groundwater Quality

6.3 Geology and Soils

- 6.3.1 Affected Environment/Existing Conditions
- 6.3.2 Environmental Consequences: Geomorphology and Soils

6.4 Noise

- 6.4.1 Affected Environment/Existing Conditions
- 6.4.2 Environmental Consequences: Noise

6.5 Transportation

- 6.5.1 Affected Environment/Existing Conditions
- 6.5.2 Environmental Consequences: Transportation

6.6 Air Quality

- 6.6.1 Affected Environment/Existing Conditions
- 6.6.2 Environmental Consequences: Air Quality

VII BIOLOGICAL ENVIRONMENT

7.1 Fisheries and Aquatic Ecosystems

- 7.1.1 Affected Environment/Existing Conditions
- 7.1.2 Environmental Consequences: Fisheries and Aquatic Ecosystems

7.2 Vegetation and Wildlife

- 7.2.1 Affected Environment/Existing Conditions
- 7.2.2 Environmental Consequences: Vegetation and Wildlife

VIII ECONOMICS AND SOCIAL ENVIRONMENT

- 8.1 Regional Economics**
 - 8.1.1 Affected Environment/Existing Conditions
 - 8.1.2 Environmental Consequences: Regional Economics

- 8.2 Agricultural Resources**
 - 8.2.1 Affected Environment/Existing Conditions
 - 8.2.2 Environmental Consequences: Land Use
 - 8.2.3 Environmental Consequences: Economics
 - 8.2.4 Environmental Consequences: Social Issues

- 8.3 Municipal and Industrial Resources**
 - 8.3.1 Affected Environment/Existing Conditions
 - 8.3.2 Environmental Consequences: Land Use
 - 8.3.3 Environmental Consequences: Economics
 - 8.3.4 Environmental Consequences: Social Issues

- 8.4 Recreational Resources**
 - 8.4.1 Affected Environment/Existing Conditions
 - 8.4.2 Environmental Consequences: Land Use
 - 8.4.3 Environmental Consequences: Economics
 - 8.4.4 Environmental Consequences: Social Issues

- 8.5 Flood Control Resources**
 - 8.5.1 Affected Environment/Existing Conditions
 - 8.5.2 Environmental Consequences: Flood Control Resources

- 8.6 Cultural Resources**
 - 8.6.1 Affected Environment/Existing Conditions
 - 8.6.2 Environmental Consequences: Cultural Resources

- 8.7 Power Production and Energy**
 - 8.7.1 Affected Environment/Existing Conditions
 - 8.7.2 Environmental Consequences: Power Production and Energy

- 8.8 Public Health and Environmental Hazards**
 - 8.8.1 Affected Environment/Existing Conditions
 - 8.8.2 Environmental Consequences: Public Health and Environmental Hazards

- 8.9 Utilities and Public Services**
 - 8.9.1 Affected Environment/Existing Conditions
 - 8.9.2 Environmental Consequences: Utilities and Public Services

- 8.10 Visual Resources**
 - 8.10.1 Affected Environment/Existing Conditions
 - 8.10.2 Environmental Consequences: Visual Resources
- 8.11 Environmental Justice**
 - 8.11.1 Affected Environment/Existing Conditions
 - 8.11.2 Environmental Consequences: Environmental Justice
- 8.12 Indian Trust Assets**
 - 8.12.1 Affected Environment/Existing Conditions
 - 8.12.2 Environmental Consequences: Indian Trust Assets

IX CUMULATIVE IMPACTS

- 9.1 Projects Included in Cumulative Impact Analysis**
- 9.2 Potential Significant Impacts**
- 9.3 Mitigation Strategies**

X OTHER CEQA/NEPA TOPICS

- 10.1 Growth Inducing Impacts**
 - 10.1.1 Potentially Significant Impacts
 - 10.1.2 Mitigation Strategies
- 10.2 Relationship Between Short-term Uses of the Environment and the Maintenance and Enhancement of Long-term Productivity**
- 10.3 Irreversible and Irretrievable Commitments of Resources**

XI COMPLIANCE WITH APPLICABLE LAWS, POLICIES AND PLANS

XII PUBLIC AND AGENCY INVOLVEMENT

- 12.1 Program Coordination Team**
- 12.2 Bay Delta Advisory Committee**
- 12.3 CALFED Workgroups and Advisory Teams**
- 12.4 Public Outreach**

12.5 Scoping Process

12.5.1 Opportunities for Public Involvement

12.5.2 Major Public Issues and Concerns

12.5.3 Distribution of Draft Programmatic EIS/EIR

XIII MITIGATION MONITORING PLAN

XIV LIST OF PREPARERS

XV BIBLIOGRAPHY

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