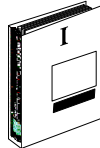


DOCUMENT STRUCTURE

You are in Volume I

The Santa Rosa Subregional Long-Term Wastewater Project Draft Environmental Impact Report/Environmental Impact Statement (EIR/EIS) is presented in seventeen volumes. Volumes I, II, and III contain the main body of the Draft EIR/EIS.

DRAFT EIR/EIS



Summary and Introduction,
Mitigation Program,
Project Description



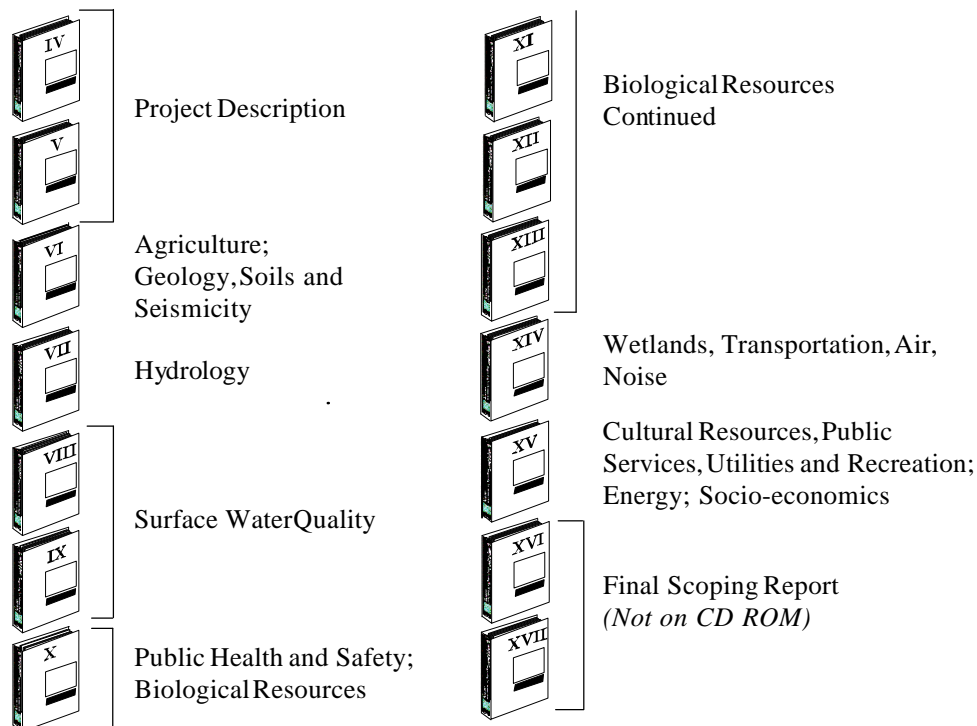
Impact Analysis
Sections



Impact Analysis
Sections
Continued

APPENDICES TO THE EIR/EIS

Volumes IV through XVII contain the appendices to the EIR/EIS. The graphic below displays the organization of the volumes and topic areas contained in each.



READING THE EIR/EIS

The document is organized to allow review at three levels of detail, depending on the reader's interest. Chapter 1 (Volume I), Introduction and Summary, provides an overview of impacts. Volumes I, II, and III combined contain the complete EIR/EIS; Volumes IV through XVII contain the technical appendices which support the Draft EIR/EIS. The summary in Volume I is not intended to replace the complete EIR/EIS which provides a thorough evaluation of the environmental impacts.

Volume I includes the Introduction and Summary, Mitigation Program, and Project Description providing the reader with an overview of the major findings of the Draft EIR/EIS.

Volumes II and III include the environmental evaluation of the Project components and alternatives. The volumes also contain a discussion of the environmentally superior alternative, growth-inducing impacts, the significant and unavoidable impacts, and a glossary of terms.

Volumes IV through XVII contain the appendices to the EIR/EIS. The Appendices are available for use as supporting documentation for the EIR/EIS providing more extensive data on the settings and analysis.

USING THE TABLE OF CONTENTS

To assist the reader in locating information within the documents, a Table of Contents is in each volume. Tabs are used to assist the reader in locating chapters. Each chapter or appendix contains a more detailed Table of Contents to further direct the reader to the location of information. Due to the amount of information in Chapter 4 (Volumes II and III), Affected Environment and Environmental Consequences, a table of contents is provided for each of the 19 sections in this chapter.

USING THE CD ROM

In the CD ROM version of the Draft EIR/EIS, bookmarks, thumbnails, and a very powerful search capability accessed under the tools menu provide multiple methods of navigating the disk. The primary indexing document is called "BEGIN", and it contains the master table of contents. You may have up to 10 documents open at one time.

HOW TO COMMENT ON THE DRAFT EIR/EIS

A discussion on how to comment on the Draft EIR/EIS is provided in Chapter 1 (Volume I), Introduction and Summary.

ADDITIONAL ASSISTANCE

An introduction is provided at the beginning of each chapter or section of the Draft EIR/EIS contained in Volumes I, II, and III. The introduction provides information about the contents of the chapter or section.

TABLE OF CONTENTS

VOLUME I DRAFT EIR/EIS, CHAPTERS 1 THROUGH 3

Chapter 1	Introduction and Summary
Chapter 2	Mitigation and Monitoring Program
Chapter 3	Description of Existing System and Alternatives (Project Description)

VOLUME II DRAFT EIR/EIS, SECTIONS 4.0 THROUGH 4.10

Chapter 4	
Section 4.0	Introduction
Section 4.1	Land Use
Section 4.2	Agriculture
Section 4.3	Geology, Soils, and Seismicity
Section 4.4	Surface Water Hydrology
Section 4.5	Groundwater
Section 4.6	Surface Water Quality
Section 4.7	Public Health and Safety
Section 4.8	Terrestrial Biological Resources
Section 4.9	Aquatic Biological Resources
Section 4.10	Jurisdictional Wetlands Resources

VOLUME III DRAFT EIR/EIS, SECTIONS 4.11 THROUGH 4.19 AND CHAPTER 5 APPENDICES A - C

Section 4.11	Transportation
Section 4.12	Air Quality
Section 4.13	Noise
Section 4.14	Visual Resources
Section 4.15	Cultural Resources and Paleontology
Section 4.16	Public Services, Utilities, and Recreation
Section 4.17	Energy
Section 4.18	Socio-economics
Section 4.19	Inundation Due to Dam Failure
Chapter 5	NEPA/CEQA Required Sections
Glossary	
Master List of Tables and Figures	
Appendix A	Range of Discharge Evaluation
Appendix B	List of Preparers
Appendix C	List of individuals who have received the Scoping Report and list of individuals who have received notification of availability of the Draft EIR/EIS.

VOLUME IV APPENDICES D-1 THROUGH D-23

DESCRIPTION OF EXISTING SYSTEM AND ALTERNATIVES (PROJECT DESCRIPTION)

- D-1 Memorandum on Final Demographic Data to Be Used for the Santa Rosa Long-Term Wastewater EIR/EIS
- D-2 Memorandum on Comparison of ABAG Year 2010 Projections and General Plan Buildout Estimates
- D-3 Water Conservation Element
- D-4 Wastewater Flow Projections
- D-5 Permitting Report
- D-6 Documentation in Support of the Elimination of Alternatives
- D-7 Property Potentially Affected by Acquisition
- D-8 Water Balance Model - Summary and Results
- D-9 Analysis of Results from Daily and Monthly Water Balance Models
- D-10 Water Balance Contingency Plan
- D-11 Direct Discharge Water Balance
- D-12 Revised System Storage Curves
- D-13 Operations Plan - Alternative 4
- D-14 Two Rock Reservoir Engineering Technical Memo
- D-15 Reservoir Inflow Analysis
- D-16 Reservoir Spillway Hydrology Analysis
- D-17 Reservoir Stormwater Runoff Diversion Structures
- D-18 Geysers Recharge Water Balance and Operation Considerations
- D-19 Irrigation Management Guidelines for the West County and South County Alternatives
- D-20 Urban Irrigation Management Guidelines
- D-21 Baylands (Reyes Soils) Screening Study
- D-22 Urban Irrigation Component of the Alternative Projects
- D-23 KYPIPE Model Optimization for Agricultural Irrigation Systems

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DESCRIPTION OF EXISTING SYSTEM AND ALTERNATIVES (PROJECT DESCRIPTION), CONTINUED

- D-24 Pipeline Alignments
- D-25 Transmission Pipeline Routes to All Reservoir Sites
- D-26 Transmission Pipelines to Storage, Tunnel Length Optimization Analysis
- D-27 Sizing of New "S" Pump Station
- D-28 Transmission Line Intermediate Pump Stations
- D-29 Transport Pipeline Flowrate and Pumping Schedule Present Worth Analysis
- D-30 Alternative Projects Construction Cost Estimate
- D-31 Cumulative Projects List
- D-32 Alternative Projects Facilities Plan

VOLUME VI APPENDICES E AND F

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- E-2 Irrigation Suitability Land Classification - West County Area
- E-3 Cropping Scenarios for the West County and South County Reclamation Alternatives
- E-4 Agricultural Impact Analysis Methodology
- E-5 Irrigation Water Quality and Salt Management Leaching Requirements, South County and West County Reclamation Alternatives
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- E-7 Evaluation of Soil Erosion Impacts for the West and South County Reclamation Alternatives

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- G-2 Potential Streambank Erosion- Laguna de Santa Rosa and Russian River

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- H-1 Hydrogeology of Storage/Reuse Areas and Evaluation of Potential Impacts to Groundwater
- H-2 Reclaimed Water Quality
- H-3 Reclaimed Water Quality Update
- H-4 Well Installation and Groundwater Monitoring Results
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- I-1 Estimation of Nitrogen, Salt and Herbicide/Pesticide Concentrations in Surface Water
- I-2 Evaluation of Metals in Irrigation - Affected Percolate
- I-3 Environmental Conditions in West County Waterways
- I-4 Laguna de Santa Rosa Water Quality Monitoring Results
- I-5 Irrigation/Storage Streams Water Quality Monitoring Results
- I-6 Russian River Water Quality Monitoring Results
- I-7 Russian River Algae and Macrophytes Assessment Technical Report
- I-8 Russian River Water Quality Model
- I-9 Treatment Wetlands Evaluation
- I-10 Baseline Hydrology and Irrigation Drainage Evaluation for West and South County Reclamation Alternatives

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- I-12 Development of Evaluation Criteria for Potential Water Quality Impacts
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- I-14 Hydrologic/Water Quality Evaluation of Irrigation of Baylands (Reyes Soils) with Reclaimed Water
- I-15 Stream Crossing Assessment
- I-16 Water Quality Impact Analysis Report Volume I - Text
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- L-2 Anadromous Fish Migration Study Program, 1991-1995
- L-3 Potential Listing of Coho Salmon and Steelhead Trout
- L-4 Aquatic Habitat Survey Results
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- O-2 Bay Area Air Quality Management District Toxics Screening Levels
- O-3 Daily Construction Emissions
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- O-5 Laguna Plant Emissions
- O-6 Laguna Facility Air Emissions Modeling results for the Long-Term Project EIR
- O-7 ISCST3 Modeling Results for Laguna POTW Aeration Basins
- O-8 Annual Particulate Construction Emissions

NOISE

No supporting documents produced .

VISUAL RESOURCES

No supporting documents produced .

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- P-1 Cultural Resources Study

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- S-3 Supporting Tables for Socio- economic Analysis

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