

Screencheck EIR Completed: 12/06/2004
Preliminary Draft EIR Completed: 01/10/2005
Draft EIR Completed: 01/26/2005
Preliminary Final EIR Completed: _____

DRAFT
ENVIRONMENTAL IMPACT REPORT
SCH# 2004091119

CARBON CANYON DAM
SEWER PIPELINE PROJECT

Lead Agency:

ORANGE COUNTY SANITATION DISTRICT

10844 Ellis Avenue

Fountain Valley, CA 92728-8127

Contact: Mr. Jim Herberg, Project Engineer
(714) 593-7310

Consultant:

RBF CONSULTING

3536 Concoors, Suite 220

Ontario, CA 91764-5592

Contact: Mr. Kevin Thomas, Environmental Services Manager
(909) 941-5204

January 26, 2005

JN 10-101519.001

TABLE OF CONTENTS		<u>Page</u>
1.0	EXECUTIVE SUMMARY	1.0-1
2.0	INTRODUCTION AND PURPOSE	2.0-1
3.0	PROJECT DESCRIPTION.....	3.0-1
4.0	ENVIRONMENTAL ANALYSIS.....	4.0-1
4.0	Overview of EIR Methodology and Significance Determination	4.0-1
4.1	Land Use and Relevant Planning.....	4.1-1
4.2	Geology, Soils, and Seismicity	4.2-1
4.3	Hydrology and Water Quality.....	4.3-1
4.4	Air Quality.....	4.4-1
4.5	Noise	4.5-1
4.6	Cultural Resources.....	4.6-1
4.7	Aesthetics, Light, and Glare	4.7-1
4.8	Population and Housing	4.8-1
4.9	Biological Resources.....	4.9-1
4.10	Traffic	4.10-1
5.0	LONG-TERM IMPLICATIONS OF THE PROPOSED PROJECT	5.0-1
6.0	ALTERNATIVES TO THE PROPOSED ACTION	6.0-1
7.0	EFFECTS FOUND NOT TO BE SIGNIFICANT.....	7.0-1
8.0	ORGANIZATIONS AND PERSONS CONSULTED.....	8.0-1
9.0	BIBLIOGRAPHY.....	9.0-1
10.0	APPENDICES (provided under separate cover)	
	A. Notice of Preparation and Comments	
	B. URBEMIS Air Quality Model	
	C. Biological Resources Letters	
	D. Cultural Resources Reports	
	E. Preliminary Design Report and Geotechnical Report	

LIST OF EXHIBITS

		<u>Page</u>
3.0-1	Regional Location	3.0-2
3.0-2	Local Vicinity	3.0-3
3.0-3	Proposed Sewer Alignment and Photograph Location Map	3.0-4
3.0-4	Existing Conditions.....	3.0-6

3.0-5	Proposed Project and Expanded Service Area Option	3.0-9
3.0-6a	Site Photographs.....	3.0-12
3.0-6b	Site Photographs.....	3.0-13
4.9-1	Habitats in Project Area	4.9-2
4.9-2	Least Bell's Vireo Locations	4.9-12
4.9-3	Jurisdictional Map	4.9-19

LIST OF TABLES

	<u>Page</u>	
1.0-1	Impacts and Mitigation Measures	1.0-4
3.0-1	Projected Wastewater Service Demand	3.0-11
4.1-1	Tributary Area and Land Uses	4.1-2
4.1-2	Expanded Service Area Boundary Tributary Area and Land Uses	4.1-3
4.1-3	Applicable Goals and Policies of the City of Brea General Plan	4.1-4
4.1-4	Applicable Objectives and Policies of the County of Orange General Plan	4.1-6
4.1-5	Applicable Goals and Policies of the County of Los Angeles General Plan.....	4.1-7
4.1-6	Applicable Principles and Standards of the City of Chino Hills General Plan	4.1-8
4.4-1	National and California Ambient Air Quality Standards.....	4.4-4
4.4-2	South Coast Air Basin Ambient Air Quality Classifications	4.4-5
4.4-3	Local Air Quality Levels.....	4.4-8
4.4-4	SCAQMD Emissions Thresholds	4.4-9
4.4-5	Daily Construction Emissions.....	4.4-11
4.4-6	Wastewater Sampling	4.4-12
4.4-7	Summary of Hydrogen Sulfide Gas Monitoring in Sewer	4.4-14
4.5-1	Sound Levels and Human Response.....	4.5-2
4.5-2	California Land Use Compatibility Noise Guidelines	4.5-5
4.5-3a	City of Brea Noise Standards – Interior.....	4.5-6
4.5-3b	City of Brea Noise Standards – Exterior	4.5-6
4.9-1	Special Status Plant Species Known to Occur in the Project Region	4.9-5
4.10-1	Peak-Hour Level of Service Descriptions.....	4.10-4
4.10-2	Existing Intersection Capacity Utilization Summary	4.10-5

6.0-1 Comparison of Alternatives 6.0-2