

# TABLE OF CONTENTS

<b>CHAPTER 1 INTRODUCTION .....</b>	<b>1-1</b>
1.1 Chino Basin Desalter Authority.....	1-1
1.2 Urban Water Management Planning Act .....	1-6
1.3 DWR Guidance.....	1-6
1.4 Regional Water Agency Coordination.....	1-6
1.5 City and County Notification of Changes to the UWMP.....	1-6
1.6 CDA Coordination with Local Agencies .....	1-6
1.7 Strategic Objective for Groundwater Management.....	1-6
<b>CHAPTER 2 POPULATION AND WATER USE .....</b>	<b>2-1</b>
<b>CHAPTER 3 WATER SUPPLIES .....</b>	<b>3-1</b>
3.1 Chino Basin Groundwater Basin.....	3-1
3.2 Available Groundwater Supply .....	3-1
3.3 Groundwater Quality in the Lower Chino Basin.....	3-4
3.4 Chino Basin Desalter Authority Facilities & Operation.....	3-8
<b>CHAPTER 4 VALUE OF CONSERVATION .....</b>	<b>4-1</b>
4.1 Overview .....	4-1
4.2 Value of Conservation .....	4-2
4.3 Legislative and Regulatory Requirements.....	4-4
4.4 Conservation Programs to Date .....	4-7
4.5 Conservation Programs 2010-2035.....	4-8
<b>CHAPTER 5 RECYCLED WATER PROGRAMS .....</b>	<b>5-1</b>
5.1 Overview .....	5-1
5.2 IEUA’s Regional Recycled Water Program .....	5-1
5.3 WMWD’s Recycled Water Program.....	5-7
<b>CHAPTER 6 GROUNDWATER MANAGEMENT PROGRAMS.....</b>	<b>6-1</b>
6.1 Chino Basin Groundwater Management.....	6-1
6.2 Maximum Benefit.....	6-3
6.3 Hydraulic Control.....	6-3
<b>CHAPTER 7 ALTERNATIVE WATER SUPPLIES .....</b>	<b>7-1</b>
7.1 Water System Interconnections.....	7-1
7.2 Alternative Water Supplies .....	7-2
<b>CHAPTER 8 WATER SHORTAGE CONTINGENCY PLAN .....</b>	<b>8-1</b>
8.1 Mutual Aid Agreement – Regional Agencies .....	8-1
8.2 Planning for a Catastrophe – Desalter Water Serves as Back-Up.....	8-2
8.3 Dry Year Yield .....	8-3

**CHAPTER 9 WATER QUALITY IMPACTS ON RELIABILITY.....9-1**  
9.1 Groundwater Quality in Chino Basin.....9-1  
9.2 Point Sources of Concern.....9-11  
9.3 Current State of Groundwater Quality in Chino Basin .....9-21  
9.4 Impact of Water Quality on Reliability.....9-21

**CHAPTER 10 WATER SERVICE RELIABILITY .....10-1**