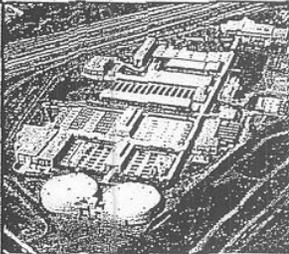
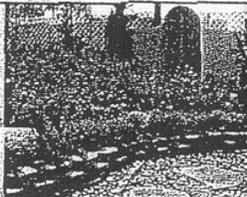
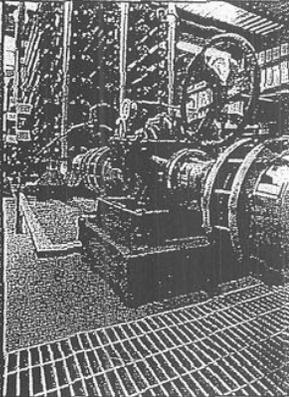
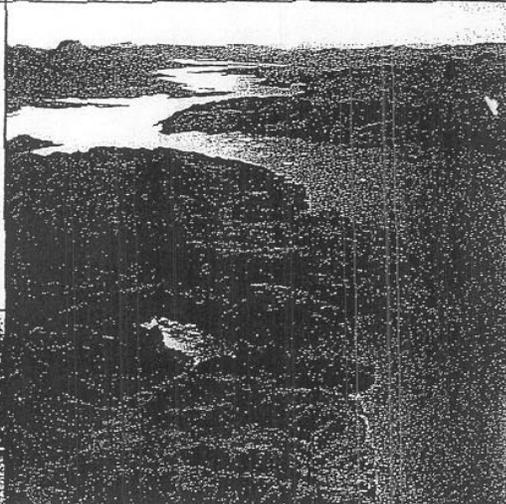


APPENDIX H

SDCWA Urban Water Management Plan



2000 Urban Water Management Plan



San Diego County Water Authority

Prepared by:
San Diego County Water Authority
Water Resources Department

With assistance provided by the following Departments:
Imported Water
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ABBREVIATIONS

2000 Plan	2000 Urban Water Management Plan
Act	Urban Water Management Planning Act
AF	acre-feet
AF/YR	acre-feet per year
Authority	San Diego County Water Authority
Bay-Delta	San Francisco Bay/Sacramento-San Joaquin Delta
BMPs	Best Management Practices (Water Conservation)
BTC	Binational Technical Committee
cfs	cubic feet per second
CII	Commercial, Industrial and Institutional
CIMIS	California Irrigation Management Information Systems
CIP	Capital Improvement Program
CRA	Colorado River Aqueduct
CUWA	California Urban Water Agencies
CUWCC	California Urban Water Conservation Council
CVP	Central Valley Project (Federal)
CWA-MAIN	County Water Authority - Municipal and Industrial Needs
DBP's	Disinfection By-Products
Delta	Sacramento - San Joaquin River Delta
DHS	Department of Health Services (State of California)
DWR	Department of Water Resources (State of California)
EIR/EIS	Environmental Impact Report/Environmental Impact Statement
EOC	Emergency Operations Center
ERP	Emergency Response Plan
ESA	Endangered Species Act (Federal)
ESP	Emergency Storage Project
EWA	Environmental Water Account
EWMPs	Efficient Water Management Practices
FAP	Financial Assistance Program
FFY	Federal Fiscal Year
FY	Fiscal Year
Framework	California's Water Future: A Framework For Action
HEWs	high-efficiency clothes washers
IAWP	Interim Agricultural Water Program
IBWC	International Boundary and Water Commission
IID	Imperial Irrigation District
IWR-MAIN	Institute for Water Resources - Municipal and Industrial Needs
LCR MSCP	Lower Colorado River Multi-Species Conservation Program
LRP	Local Resource Program
M&I	municipal & industrial
MAF	million acre-feet
MAF/YR	million acre-feet per year
MF	multi-family residential

mg/l	milligrams per liter
mgd	million gallons per day
Metropolitan	Metropolitan Water District of Southern California
OAEP	Operational Area Emergency Plan
OBMP	Optimum Basin Management Program
plan	Urban Water Management Plan
ppb	parts per billion
ppm	parts per million
Regional Board	California Regional Water Quality Control Board
Regional Recycling	Regional Recycled Water System Alternatives Analysis Study
Regional Study	Regional Colorado River Conveyance Feasibility Study
RO	reverse osmosis
RWDF	Reclaimed Water Development Fund
SANDAG	San Diego Association of Governments
SAWR	Special Agricultural Water Rate
SCCWRRS	Southern California Comprehensive Water Reclamation and Reuse Study
SDG&E	San Diego Gas and Electric
SDWA	Safe Drinking Water Act
SEMS	Standardized Emergency Management System
SF	single-family residential
SRF	State Revolving Fund
SWP	State Water Project
SWRCB	State Water Resources Control Board
TOC	total organic carbon
TDS	total dissolved solids
ULFTs	ultra-low flush toilets
USBR	U.S. Bureau of Reclamation
USFWS	U.S. Fish and Wildlife Service
Water Use Plan	California's Colorado Water Use Plan
WRLP	Water Reclamation Loan Program
WSDM	Water Surplus and Drought Management
WSMP	Water Shortage Management Plan

SECTION 1 – INTRODUCTION

The mission of the San Diego County Water Authority (Authority) is to provide a safe and reliable supply of water to its member agencies serving the San Diego region. This 2000 Urban Water Management Plan (2000 Plan) includes the Authority's projected water resources mix necessary to provide water supply reliability for the region through the year 2020.

In 1997, the Authority adopted a Water Resources Plan, which projected future supplies through 2015. The 2000 Plan will serve a dual purpose in updating both the Authority's last Urban Water Management Plan prepared in 1995, and the 1997 Water Resources Plan to reflect current conditions.

This section describes the Urban Water Management Planning Act and the coordination that occurred in preparation of the Authority's 2000 Plan. It also provides a general description of the Authority, its physical water delivery system and service area characteristics, including climate, and future population.

1.1 CALIFORNIA URBAN WATER MANAGEMENT PLANNING ACT

The California Water Code requires all urban water suppliers within the state to prepare urban water management plans (plans) and update them every five years. These plans satisfy the requirements of the Urban Water Management Planning Act (Act) of 1983 including amendments that have been made to the Act. Sections 10610 through 10656 of the Water Code detail the information that must be included in these plans, as well as who must file them. **Appendix A** contains the text of the Act.

Recent amendments to the Act now require that total projected water use be compared to water supply sources over the next 20 years in five-year increments. The Act also requests the information be shown for a single dry water year and multiple dry water years. Additional amendments to the Act now require that all plans include a detailed water recycling analysis that includes a description of the wastewater collection and treatment system within the agency's service area along with current and potential recycled water uses.

According to the Act: "The conservation and efficient use of urban water supplies are of statewide concern; however, the planning for that use and the implementation of those plans can best be accomplished at the local level." The Act requires that each urban water supplier, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet (AF) of water annually, shall prepare, update and adopt its urban water management plan at least once every five years or before December 31, in years ending in five and zero. In accordance with the Act, the Authority is required to update and adopt its plan for submittal to the California Department of Water Resources (DWR) by December 31, 2000.

