



RECYCLED WATER INTERTIE STUDY

INLAND EMPIRE UTILITIES AGENCY



This project was funded in part through Metropolitan’s Foundational Actions Funding Program. The study report is available on mwdh2o.com/AboutYourWater/FAFprogram.

WATER TOMORROW
Foundational Actions Funding Program

Develop a Strategy to Intertie Two Recycled Water Systems

EVALUATING THE PERMITTING, POLITICAL, AND ECONOMIC CHALLENGES OF IMPLEMENTING AN INTERTIE AND PROPOSING STRATEGIES TO OVERCOME THOSE CHALLENGES

Recent planning studies have found that Inland Empire Utilities Agency’s (IEUA) demand for recycled water is projected to exceed supply availabilities, requiring IEUA to search for new supply. One option involves a partnership with Western Riverside County Regional Wastewater Authority (WRCRWA) to intertie with their proposed recycled water system.



ISSUES ADDRESSING

Limited data on combining source water from different recycled water systems



POTENTIAL REGIONAL BENEFITS

Provides information for overcoming the regulatory challenges of executing a recycled water intertie



PROJECT PARTNERS

Western Municipal Water District
Western Riverside County Regional Wastewater Authority

1

GOAL

Evaluate challenges of implementing an intertie of two recycled water systems

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FINDINGS

Intertie between WRCRWA’s water treatment plant and IEUA’s system would be feasible and cost effective

3

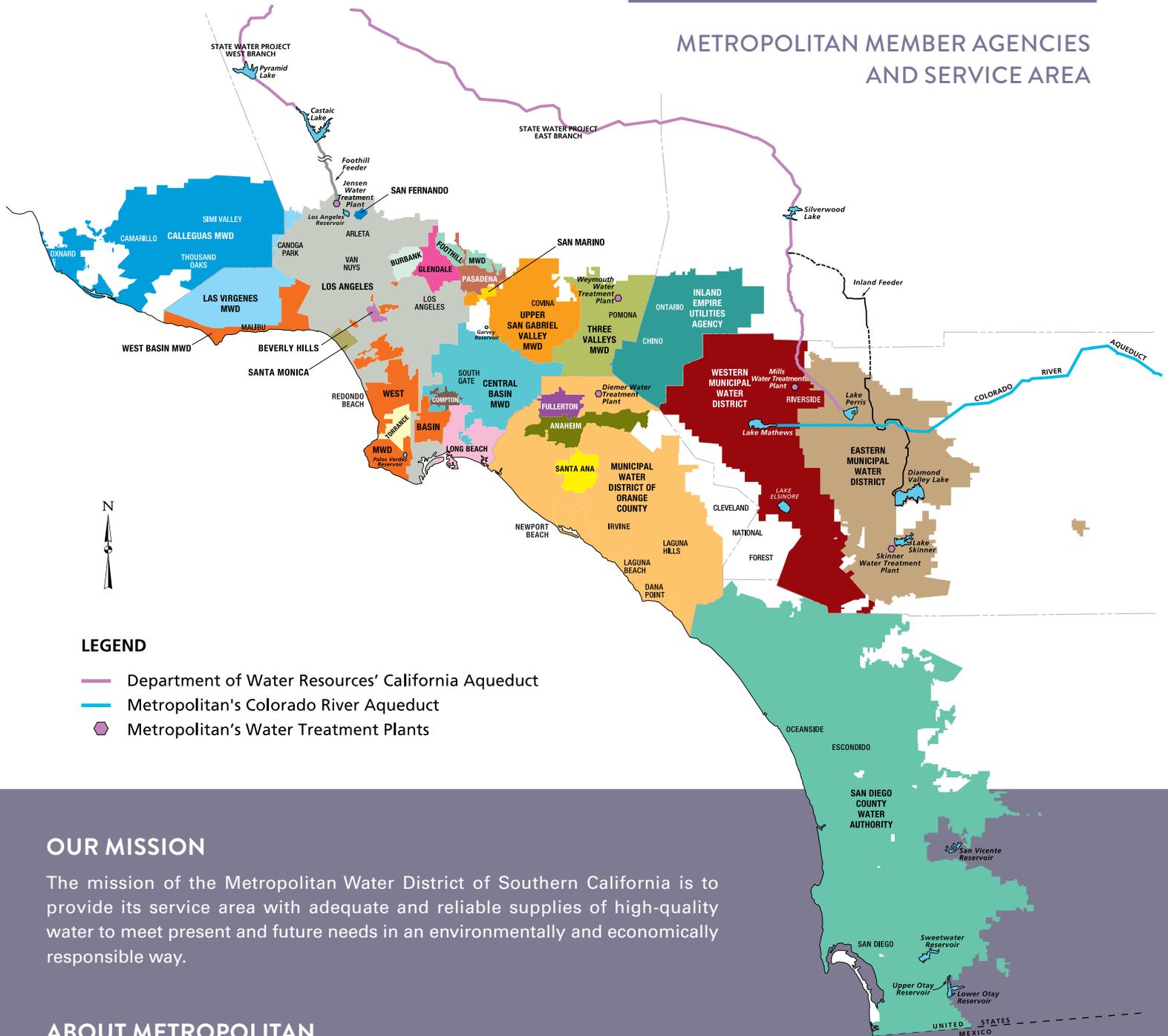
NEXT STEPS

Draft an agreement between IEUA and WRCRWA to purchase recycled water and initiate meetings with proper permitting authorities

Reducing Barriers to Future Water Resource Production

Metropolitan's Integrated Water Resources Plan was developed as a blueprint for water supply reliability for Southern California. To implement this plan and address future water supply uncertainties, Metropolitan's Board of Directors approved a pilot funding program for technical studies and pilot projects that reduce barriers to future production of groundwater, recycled water, seawater desalination and stormwater. The request for proposals to Metropolitan's Member Agencies resulted in agreements for 13 projects totaling approximately \$3 million in funding. These projects evaluated new water treatment technologies, developed data to inform regulations, studied options for infrastructure innovation and identified future resource potential.

METROPOLITAN MEMBER AGENCIES AND SERVICE AREA



- LEGEND**
- Department of Water Resources' California Aqueduct
 - Metropolitan's Colorado River Aqueduct
 - Metropolitan's Water Treatment Plants

OUR MISSION

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

ABOUT METROPOLITAN

The Metropolitan Water District of Southern California is a state-established cooperative of 26 member agencies – cities and public water agencies – that serve nearly 19 million people in six counties. Metropolitan imports water from the Colorado River and Northern California to supplement local supplies and helps its members develop increased water conservation, recycling, storage and other resource management programs.

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