

# STORMWATER HARVESTING AND DIRECT USE DEMONSTRATION PROJECT

CITY OF SANTA MONICA



CISTERN CONSTRUCTION PHOTO COURTESY OF CITY OF SANTA MONICA

This project was funded in part through Metropolitan’s Foundational Actions Funding Program. The study report is available on [mwdh2o.com/AboutYourWater/Planning](http://mwdh2o.com/AboutYourWater/Planning).

## Capturing, Treating, and Using Stormwater Both Indoor and Outdoor

### DIVERTING STORMWATER FOR PARK LANDSCAPE IRRIGATION AND INDOOR FLUSHING

This project diverts water from an existing storm drain into a cistern, treats the captured water and delivers the treated water to the park irrigation system and restrooms at Los Amigos Park in Santa Monica.

**WATER TOMORROW**  
Foundational Actions Funding Program



**ISSUES ADDRESSING**  
Urban stormwater runoff and pollution



**POTENTIAL REGIONAL BENEFITS**  
Increased stormwater data, demonstrated permitting pathway, decreased potable water use, and reduced urban runoff

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#### GOAL

Demonstrate the feasibility of harvesting and treating stormwater to offset potable demand and reduce stormwater pollution

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#### FINDINGS

Construction completed and a final report will be available in 2018

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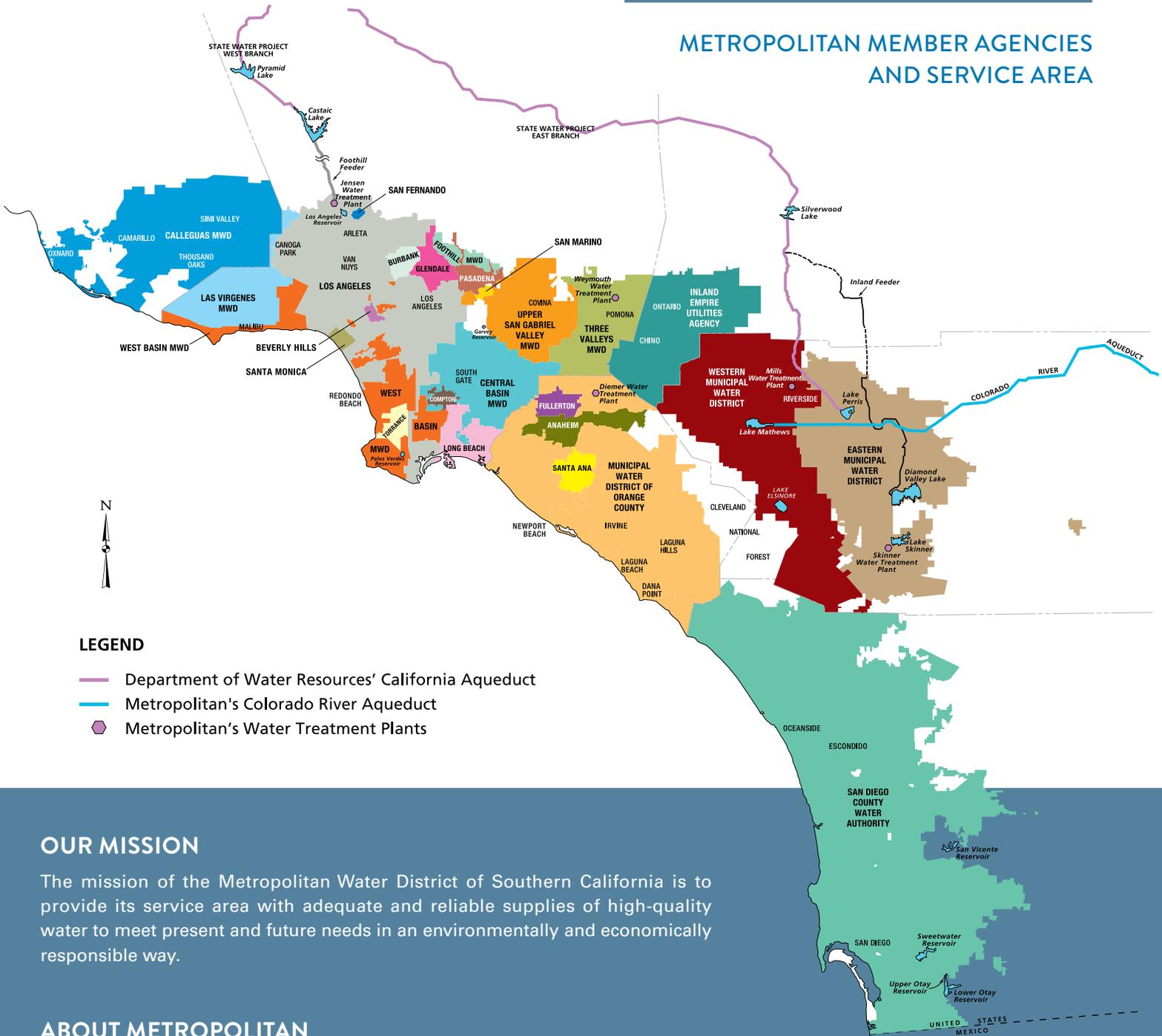
#### NEXT STEPS

Monitor the effectiveness of the demonstration project

# 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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