

PUREWATER

SOUTHERN CALIFORNIA

Draft Environmental Impact Report



Introduction

In accordance with the **California Environmental Quality Act**, the Metropolitan Water District of Southern California has prepared a **Draft Environmental Impact Report (Draft EIR)** to analyze the potential environmental impacts of construction and operation of the Pure Water Southern California program, a major water recycling effort moving forward in partnership with Los Angeles County Sanitation Districts. The program would create a new climate-resilient supply of water, producing up to 150 million gallons of purified water daily, enough to meet the needs of 1.5 million people and benefiting the entire region.

ABOUT THIS DRAFT EIR

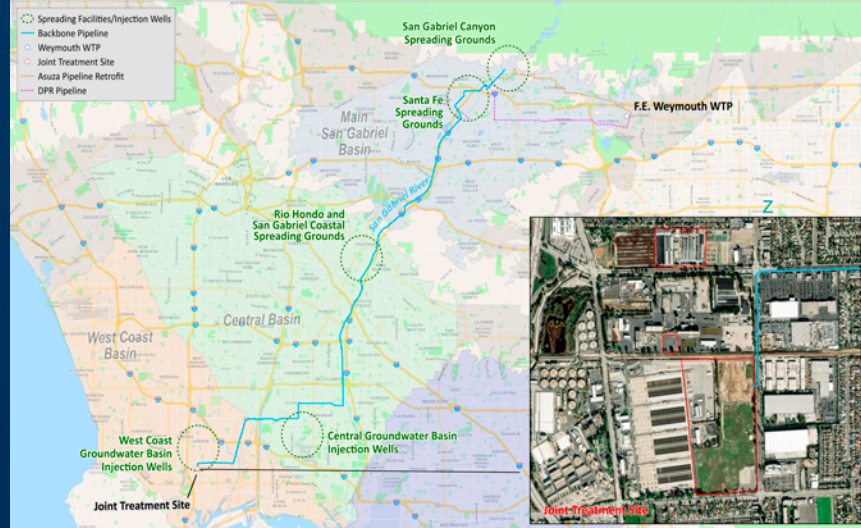
The Draft EIR analyzes the potential environmental impacts of **Pure Water Southern California**. By providing the public and decision-makers an opportunity to review and provide feedback on the environmental analysis, it helps ensure that public input plays an important role in guiding project development. The Draft EIR also identifies ways to avoid or reduce impacts by identifying and analyzing potential alternatives.

Program Components

- Advanced Water Purification Facility
- Improvements to the A.K. Warren Water Resource Facility in Carson
- Workforce Training Center
- Conveyance System of Pipelines, Pump Stations and Service Connections
- Groundwater Recharge Facilities
- New Facilities at the F.E. Weymouth Water Treatment Plant in La Verne

Proposed Project and Alternatives

At full scale, the proposed project would produce 150 million gallons of water daily (MGD), and include water delivery pipelines in Los Angeles County that would extend from Carson to Azusa and La Verne. The Draft EIR also analyzes six project alternatives.



Primary Characteristics by Alternative

Alternatives Identified in the Draft EIR

No Project Alternative // Analysis of potential impacts if Pure Water is not constructed and operated

115-MGD Alternative // Produces 115 MGD; reduced-scale project components

Indirect Potable Reuse Only Alternative // Produces 90 MGD; reduced-scale project components

Seven-Foot-Diameter Pipeline Alternative // Produces 150 MGD; reduced conveyance system and limited future integration with other regional water supply systems

Northern Pipeline Re-route Alternative // Produces 150 MGD; alternative conveyance system route, placing more pipeline in roadways

Los Angeles River Backbone Alignment Alternative // Produces 150 MGD; alternative conveyance system route, placing more pipeline along the Los Angeles River

The Draft EIR provides a detailed analysis of the following environmental resource categories:

Air Quality // Biological Resources // Cultural Resources // Energy // Geology and Soils //

Greenhouse Gas Emissions // Hazards and Hazardous Materials // Hydrology and Water Quality //

Land Use and Planning // Noise // Transportation // Tribal Cultural Resources

Draft EIR Findings

The Draft EIR identifies mitigation measures that were developed to avoid or reduce potentially significant environmental impacts associated with **Pure Water Southern California**. Even with implementation of mitigation measures, significant and unavoidable impacts could occur primarily during construction related to air quality, cultural resources, noise, and tribal cultural resources. Impacts to energy, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, and transportation were determined to be less than significant.



Learn More and Make Your Voice Heard

<https://www.mwdh2o.com/purewaterDEIR>

The Draft EIR is available for review and comment between May 14, 2025 and July 14, 2025.