

# Riverside-Corona Feeder



Securing Your Water Supply



## Local Benefits

- **New Local Water Supply**
  - The R-C Feeder will provide up to 40,000 acre-feet of water stored in underground basins during wet years for use in dry years.
- **Regional Drought Protection**
  - In western Riverside County, dependence on imported water in dry years will be reduced and local water reliability will be improved.
- **Less Demand On State Water Project**
  - In February 2009, the Governor of California declared a State of Emergency caused by persistent drought conditions. In July, the Metropolitan Water District of Southern California reduced member agency water supply allocation by 10 percent. The R-C Feeder will reduce demand for imported water from the State Water Project and Colorado River during dry years.

## Project Description

The Riverside-Corona Feeder is a conjunctive use project consisting of up to 20 wells and 28 miles of pipeline that will capture and store new water in wet years in order to increase firm water supplies, reduce water costs and improve water quality. Wellhead treatment will remediate perchlorate and other contaminants. New wet year water will come from local runoff, including releases from Seven Oaks Dam and the State Water Project. Up to 40,000 acre-feet of water will be stored in San Bernardino Valley and Chino groundwater basins to be available for use in dry years.

## Project Benefits

The facility expansion will work to improve groundwater quality in the basin.

- **RELIEVES PRESSURE ON THE COLORADO RIVER**  
Water users dependent on the Colorado River may enjoy improved dry year water supplies as the local region reduces imported water demand.
- **GROUNDWATER CLEANUP**  
Extraction wells can be equipped to reliably and safely remove constituents, such as perchlorate and nitrates, from groundwater plumes.
- **BETTER GROUNDWATER MANAGEMENT**  
In the San Bernardino Valley, groundwater levels can be managed to reduce the threat of liquefaction, and groundwater quality will be improved.
- **GREENHOUSE GAS REDUCTION**  
By cleaning up locally available groundwater and by also recharging aquifers with local storm runoff, the project reduces energy required and greenhouse gasses produced in moving imported water to the region.
- **Beneficiaries include:** City of Corona, City of Norco, City of Riverside, Elsinore Valley Municipal Water District, Home Gardens County Water District, Jurupa Community Services District, Lee Lake Water District, Riverside Highland Water Company, Rubidoux Community Services District, Western Municipal Water District, Colorado River water users, Sensitive water environments in Northern California, Imported water users, Residents of San Bernardino Valley, Orange County, 850,000+ western Riverside County residents.

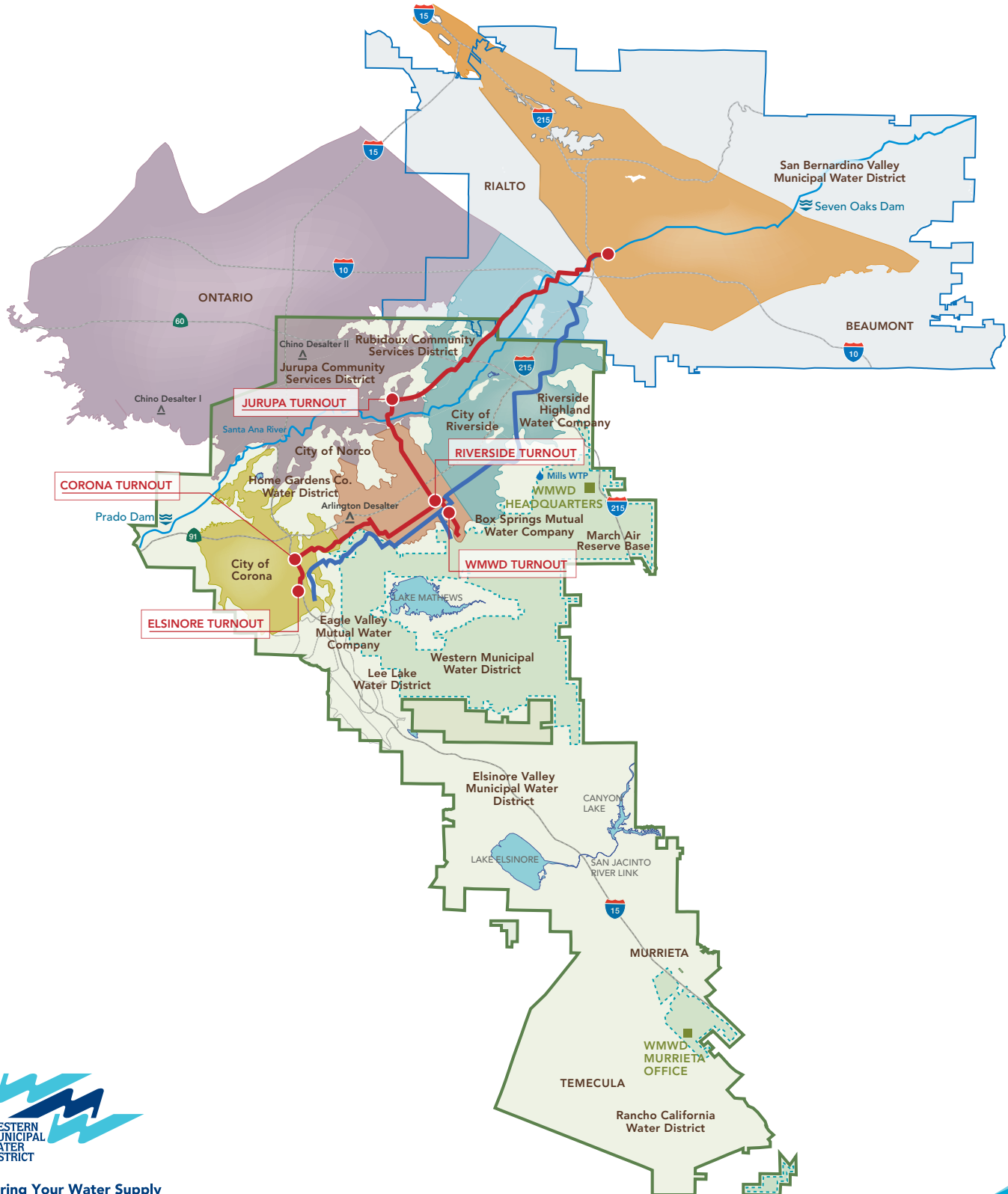


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# Federal Nexus

New usable water supplies created by the Feeder would replace imported water from Colorado River and the California State Water Project sources in times of drought or other shortages and thus supports the Secretary of the Interior's role as Watermaster of the Lower Colorado River. It is also crucial to the State of California's effort to implement the Quantification Settlement Agreement (QSA), a key foundation for future Lower Colorado River management by the Secretary. Further, projects like the Feeder will be integral to the implementation of the "Seven States Agreement" in the Colorado River Basin.



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