

<u>Menu</u>

- About Us
 - What We Do
 - Service Area
 - Customers
 - History
 - Doing Business With Us
 - Human Resources
 - Contact Us
 - Management Directory
- Board of Directors
 - Meet Our Board

- President's Message
- Board Agendas & Minutes
- Governance
 - Code of Conduct
 - Meeting Rules
 - Committees
 - Election Procedures
 - Strategic Plan
- <u>Transparency</u>
 - Public Records Request
 - Board Compensation
- Water Supplies
 - Imported Water
 - Recycled Water
 - Facilities
 - Capital Improvement Program
 - Water Quality
 - Environmental Compliance and Stewardship
 - Customer Development
 - Conservation
 - Water Reliability
 - Groundwater
 - Seawater Barriers
 - West Coast Groundwater Basin
 - Ocean Water Desalination
- Policy & Planning
 - State & Federal Affairs
 - Reports & Plans
 - Grants
 - Integrated Planning
 - Proposition 50, Round 1
 - Proposition 84, Round 1
 - Proposition 84, Round 2
 - Proposition 84, Round 3
 - Proposition 84, Round 4
- Finance
 - Financial Reports
 - Water Rates & Charges
 - Investor Relations
- Community
 - Education
 - Waterworks Newsletter
 - Water Facility Field Trips
 - Splash Science Classroom Program
 - Water is Life Student Art Contest
 - Solar Cup Competition
 - Water Stars
 - Teach and Test Program
 - Games & Classroom Resources
 - Free Water Programs
 - Lunch & Learn Classes
 - Public Tours & Briefings
 - Speakers Bureau
 - Tour FAQ

- Water Bottle Filling Station
- Event Calendar
- Water Glossary
- o 2018 Water Harvest Block Party
- News
 - Newsletter
 - Newsletter Archive
 - Press Releases
 - Public Notices
 - Press Kit
 - Multi-Media Gallery
 - Awards
- f
- in
- <u>.</u> බ
- 🗷

Q		
Search	Search	Q

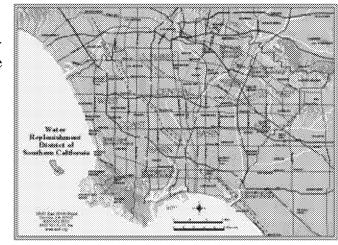
West Coast Groundwater Basin

- Home
- Water Supplies
- Groundwater
- West Coast Groundwater Basin

The West Coast Groundwater Basin (Basin) underlies 160 square miles in the southwestern part of the Los Angeles Coastal Plain in Los Angeles County. The Basin extends southwesterly along the coast from the Newport-Inglewood Uplift to the Santa Monica Bay. The Basin provides groundwater to approximately eleven cities and unincorporated areas of Los Angeles County. This average annual production is roughly 52,000 Acrefeet (AF), which accounts for 20% of total retail demands.

In 1961, the Basin was adjudicated. The adjudication limits the allowable annual extraction of groundwater per water rights holder within West Basin in order to prevent seawater intrusion and an unhealthy groundwater level. As part of the adjudication, the court appointed the California Department of Water Resources (DWR) to serve as Watermaster to account for all water rights and groundwater extraction amounts per year.

Since the adjudicated groundwater production is substantially higher than the natural recharge of the Basin, the California State Legislature in 1959 created the Water Replenishment District of Southern California (WRD) to manage, regulate and replenish the Basin. Each year WRD



determines the amount of supplemental recharge that is needed for the Basin based upon annual groundwater extractions and groundwater levels. As part of the recharge and protective duties, WRD procures imported water and recycled water for the West Coast Basin Barrier Project and Dominguez Gap Barrier Project to prevent seawater intrusion.

Through the coordination of the Los Angeles County Public Works Department, DWR, and WRD, the West Coast Groundwater Basin is managed and maintained to provide the utmost water quality and reliability for the region.

For further information on the West Coast Groundwater Basin please visit the Water Replenishment District's website at http://www.wrd.org and the California Department of Water Resources at http://www.water.ca.gov/groundwater/bulletin118/gwbasins.cfm.

- Erm
- Imported Water
- Recycled Water
 - Facilities
 - Capital Improvement Program
 - Capital Implementation Master Plan
 - Water Quality
 - Environmental Compliance and Stewardship
 - Customer Development
- Conservation
- Water Reliability
- Groundwater
 - Seawater Barriers
 - West Coast Groundwater Basin
- Ocean Water Desalination

About West Basin

- Service Area
- Doing Business With Us
- Careers
- Contact Us

Quick Links

- Board Meeting Agendas
- Event Calendar
- Public Records Request

Newsletter

E-mail *
Subscribe



17140 South Avalon Blvd Suite 210 Carson, CA 90746-1296

Phone: (310) 217-2411 Fax: (888) 821-6552

- f
- 💆
- in
- 0
- 62

- Accessibility
 Privacy Policy
 Terms & Conditions
- Site Map