



SAFE DRINKING WATER PROGRAM



SAFE DRINKING WATER PROGRAM

SAFE DRINKING WATER PROGRAM



PROGRAM HISTORY

Years of improper disposal practices of industrial solvents allowed volatile organic compounds (VOCs) to seep into, and contaminate, southern Los Angeles County groundwater aquifers. As a result, wells within the area served by WRD were adversely affected.



To mitigate this problem, WRD established its Wellhead Treatment Program in 1991 to provide basin pumpers with treatment equipment to remove VOCs from groundwater. This allowed affected wells to meet public drinking water standards.

The Wellhead Treatment Program was expanded into the Safe Drinking Water Program (SDWP) which addresses localized groundwater quality problems beyond VOCs with innovative and low-cost solutions to remediate and repair groundwater wells.

WRD collaborates with local water providers to finance treatment systems that remove primary and secondary constituents as identified by Title 22 of the California Code of Regulations. Examples of these constituents include bacteria, radionuclides, tastes and odors, color, sulfates, iron and manganese.

The program is critical to preventing the unnecessary closure of wells and ensures continued access to a local supply of groundwater. At the same time, the environment is improved through the removal of contaminants and the risk of contamination migrating into other areas is reduced. Furthermore, dependence on imported water from Northern California and the Colorado River is also reduced.



SDWP QUICK FACTS



WRD HAS REMEDIATED OVER 20 GROUNDWATER WELLS IN 13 CITIES.



WRD HAS PROVIDED OVER \$11 MILLION IN GRANTS AND NO-INTEREST LOANS.

SAFE DRINKING WATER PROGRAM PARTICIPANTS



Any groundwater producer with an affected well within the Central Basin or the West Coast Basin is eligible for assistance through WRD's Safe Drinking Water Program.

Wells are evaluated for assistance based on factors such as water quality data and production history. When assistance is deemed necessary, WRD and the groundwater producer jointly develop a treatment solution for the subject well. Following WRD assistance to provide or finance a treatment facility for an affected well, the operation and maintenance of the facility remain the responsibility of the groundwater producer.

Participants in the SDWP have included water providers in the cities of Bell, Bell Gardens, Commerce, Huntington Park, Lakewood, Long Beach, Los Angeles, Lynwood, Maywood, Norwalk, Paramount, Pico Rivera, and South Gate. WRD has worked on over 20 projects with the cities directly or with private water providers such as California Water Service Co., California-American Water Service Co., Golden State Water Co., and Maywood Mutual Water Co. No. 2.

Through these partnerships, local water supply has increased by at least 16,900 acre-feet (approx. 5.5 billion gallons) annually and WRD has provided over \$11 million in grants and loans.

FINANCIAL ASSISTANCE

TYPE OF WRD ASSISTANCE	CONSTITUENT OR WATER SYSTEM ISSUE	ASSISTANCE DETAILS
GRANT	Volatile Organic Compounds (VOCs) as identified by Title 22 of the Code of Regulations	WRD purchases and provides treatment equipment to the groundwater producer as long as needed at an affected well. WRD funds the cost of the design and construction performed by a third party.
LOAN	Non-Volatile Organic Compounds Primary and Secondary Standard Constituents (Non-VOCs) as identified by Title 22 of the Code of Regulations	WRD provides no-interest financing for design and construction of a wellhead treatment facility for a term of ten years. The groundwater producer owns the treatment facility at the end of the financing term.
SPECIAL FUNDING CONSIDERATION	Demonstration Project	Pilot projects that have a widespread application benefit may be considered for funding toward design, construction, and installation.
DAC ASSISTANCE PROGRAM	Water supply and water quality	WRD provides State funding application assistance, technical assistance and extensive outreach for water systems located in disadvantaged community areas.



DISADVANTAGED COMMUNITIES (DAC) ASSISTANCE PROGRAM

The Disadvantaged Communities (DAC) Assistance Program was developed to supplement the Safe Drinking Water Program and bridge financial gaps where resources may not be available. This program helps small water suppliers that serve economically disadvantaged communities to secure the funding necessary to address drinking water problems.

Too often, smaller water operators struggle to submit a successful funding application. To assist, WRD staff and consultants provide the engineering support necessary to obtain funding. WRD oversees all aspects of the application submittal and works directly with the funding agencies on behalf of the small system to ensure a seamless application process.



Once the funding is secured, WRD continues to assist the system with all necessary support to plan, design, and construct their project. This support includes project administration and communications with the State funding agency.

The DAC Assistance Program helps increase regional groundwater consumption which in turn lowers rates for residents, provides a reliable supply during periods of drought, uses a sustainable water supply for replenishment, and reduces reliance on strained imported water supplies.

APPLY NOW AT:
WWW.WRD.ORG

OR CONTACT US AT INFO@WRD.ORG

DAC PROGRAM PARTICIPANTS

WRD is committed to strengthening small water systems and providing the region with high-quality and affordable drinking water.

As such, the WRD Disadvantaged Communities (DAC) Assistance Program has helped over a dozen small water providers to secure over \$20 million in grants and low-cost loans.



WRD and project partners celebrate the ribbon cutting for the Maywood Mutual Water Company No. 2 well system remediation project.

In 2022, WRD celebrated the completion of its first DAC Program project, the Maywood Mutual Water Company No. 2 well system remediation project. Approximately \$2.7 million of grant funding was secured and used to install an onsite treatment system to remove naturally occurring iron and manganese from the local well.

The project ensures that residents of Maywood receive high-quality and affordable water through their taps and is the first of many DAC projects that will protect the water supply for residents serviced by DAC water systems.

SDWP & DAC PROJECTS MAP

SAFE DRINKING WATER PROGRAM (SDWP) WELLS & DISADVANTAGED COMMUNITIES (DAC) PROGRAM PROJECTS



- WRD Headquarters
- Albert Robles Center for Water Recycling and Environmental Learning (ARC)
- Leo J. Vander Lans Advanced Water Treatment Facility (LVL)
- Robert W. Goldsworthy Desalter
- Seawater Barriers
- WRD Service Area
- WRD Divisions

SAFE DRINKING WATER PROGRAM WELLS

PROJECT ID	CITY	GROUNDWATER PRODUCER
14	Huntington Park	City of Huntington Park
13	Huntington Park	City of Huntington Park
37	Lakewood	City of Lakewood
34	Paramount	City of Paramount
36	Signal Hill	City of Signal Hill
7	Huntington Park	City of Huntington Park
4	Los Angeles	California American Water
38	Lomita	City of Lomita Water System
25	Lynwood	City of Lynwood
3	Los Angeles	California American Water
9	Commerce	City of Commerce
2	Commerce	California Water Service Company
11	Los Angeles	Golden State Water Company
19	Bell	Golden State Water Company
16	Bell Gardens	Golden State Water Company
15	Bell Gardens	Golden State Water Company
28	Paramount	Golden State Water Company
29	Norwalk	Golden State Water Company
31	Norwalk	Golden State Water Company
30	Norwalk	Golden State Water Company
24	Norwalk	Golden State Water Company

SAFE DRINKING WATER PROGRAM WELLS (CONT.)

PROJECT ID	CITY	GROUNDWATER PRODUCER
32	Norwalk	Golden State Water Company
35	Signal Hill	City of Signal Hill
1	Pico Rivera	City of Pico Rivera
23	South Gate	City of South Gate
6	Maywood	Maywood Mutual Water No. 2

DAC PROGRAM PROJECTS

PROJECT ID	CITY	GROUNDWATER PRODUCER
8	Huntington Park	City of Huntington Park
12	Maywood	Maywood Mutual Water No. 3
21	Cudahy	Tract 180 Mutual Water
17	Bell Gardens	City of Bell Gardens
10	Maywood	Maywood Mutual Water No. 1
18	Cudahy	Tract 349 Mutual Water
22	Cudahy	Tract 349 Mutual Water
20	Walnut Park	Walnut Park Mutual Water
26	Lynwood	City of Lynwood
33	Willowbrook	Sativa LA County Water District
27	Compton	City of Compton
5	Maywood	Maywood Mutual Water No. 2

ABOUT WRD

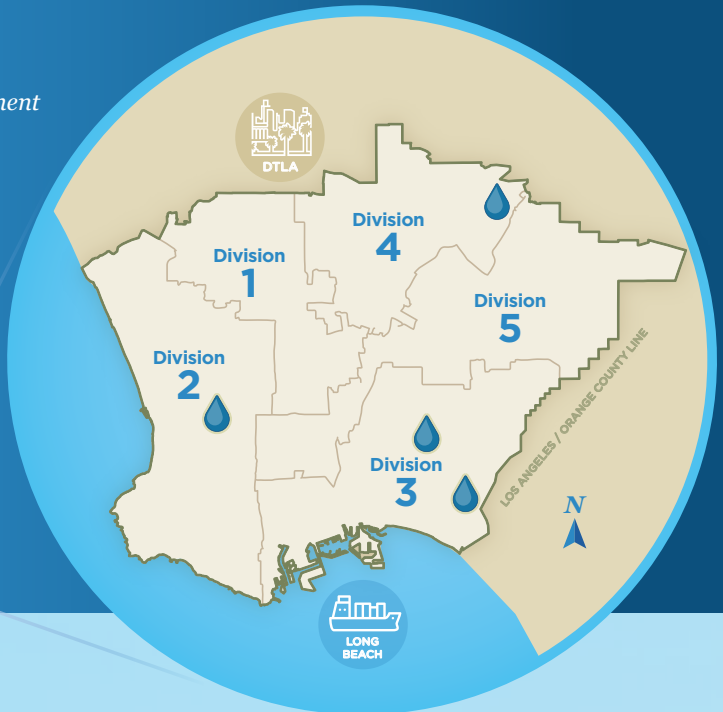
The Water Replenishment District (WRD) was established in 1959 to manage, protect, and replenish the Central and West Coast Groundwater Basins. WRD achieves its mission by:

- » Using effective and environmentally sound basin management practices and serving as the Administrative Body of the Watermaster for both basins
- » Monitoring and remediating the groundwater basins affected by natural and human-made contaminants
- » Owning and managing two advanced water treatment facilities and a groundwater desalter

WRD manages and protects two of the most utilized urban groundwater basins in the nation. Groundwater from these basins provides nearly 50% of the total water supply for the four million residents in WRD's 43-city service area which covers 420 square miles in southern Los Angeles County. WRD ensures that a reliable and locally sustainable supply of high-quality groundwater is available through replenishment with recycled water and stormwater capture.

The Water Replenishment District's service area in southern Los Angeles County

 = WRD Facility



BOARD OF DIRECTORS



Joy Langford
Division 1



Robert Katherman
Division 2



John D. S. Allen
Division 3



Sergio Calderon
Division 4



Vera Robles DeWitt
Division 5

Stephan Tucker
General Manager



@WRDsocal



4040 Paramount Blvd.
Lakewood, CA 90712



www.WRD.org