Safeguarding Our Water Future

CVWD AT A GLANCE

Our Service Area:

- La Crescenta
- Montrose
- Portions of Glendale & La Cañada Flintridge

Our System:

- 95 miles of pipelines
- 12 wells
- 17 reservoirs
- 34 booster pumps
- 651 fire hydrants
- Stationary and mobile generators
- Emergency water connections to neighboring water agencies

Key Statistics:

- 33,000 water customers
- 1.2 billion gallons of water supplied to customers
- 11 separate water pressure zones
- 14 pumping stations
- 17.5 million gallons of water stored

At CVWD, we are committed to providing safe and reliable water service, now and in the future.

Much of our critical infrastructure was first installed in the 1950s, and that means that many of our pipelines, wells and facilities have reached the end of their useful life. Significant community investment will be needed to fund work to replace and rehabilitate wells and replace around two miles of pipeline each year. This safeguards our water infrastructure for our future.

CVWD also faces increasing costs to deliver the same quality water and sewer service our customers deserve. With rising costs to import water, rising inflation and reduced financial reserves, the District must ensure that annual revenues meet or exceed expenditures.

OUR MISSION

To provide quality water and wastewater services to the Crescenta Valley community in a dependable and economically responsible manner.

OUR VISION

Secure sustainable water supplies and ensure infrastructure reliability, while furthering our commitment to accountability, transparency and cost– effectiveness.

SAFEGUARDING OUR WATER BY REPLACING AGING INFRASTRUCTURE

Challenges:

- Ruptures and leaks from aging pipelines
- Soaring costs for repairs, overtime labor costs in an emergency
- Greater risk of pipeline damage during summer demand surge and wildfire season
- Slow pace of infrastructure replacement

Opportunities:

- Proactive replacement plan which reduces overall costs and improves reliability
- Better coordination with cities, reducing construction impacts and costs
- Cost savings through competitive bids for larger projects
- Continued high level of service reliability

CVWD'S AGING PIPELINE SYSTEM

- 45% of our water pipelines are between 50-70 years old
- Our average pipeline is 46 years old
- Our oldest operational pipe was installed in 1929
- Current plans call for approximately two miles of pipe to be replaced each year at an estimated average annual cost of $3-5 million (2023)

FIRE SAFETY

Firefighters need access to reliable water infrastructure to save lives and protect properties in a wildfire emergency. When seconds matter, we can't afford to wait to make critical infrastructure repairs and improvements.

SAFEGUARDING OUR WATER BY MAINTAINING QUALITY WATER AND SEWER SERVICE

Challenges:

- Rising operational costs
- Depleted reserves
- Funding gap between needed infrastructure repairs and available dollars

Opportunities:

- Implementing cost-saving measures
- Keeping pace with inflation
- Ensuring revenues meet or exceed expenditures, preserving critical reserve fund for emergencies

RISING OPERATIONAL COSTS

CVWD, as well as many other water providers throughout California, continue to face increasing operational and financial challenges to maintain and update infrastructure. Contributing to these challenges are escalating energy and gas costs, expanding regulatory costs, and rising imported water costs. The increasing costs of construction and the growing costs of deferred facility maintenance are compounded by soaring construction demand, inflation, pandemic-related restrictions, supply chain disruptions, and labor shortages. Construction materials saw double digit increases since 2021. Additionally, CVWD has declining revenues due to conservation measures and increased water use efficiency.

WATER SUPPLY

CVWD **imports water**, contracted through Foothill Municipal Water District (FMWD), which purchases water from Metropolitan Water District of Southern California (MWD). MWD obtains imported water from Northern California, nearly 400 miles away, and from the Colorado River, about 300 miles away.

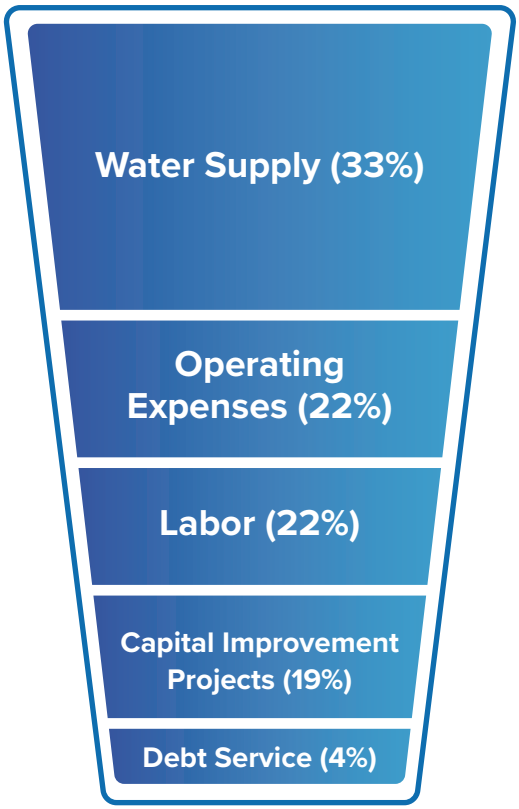
CVWD pumps **local groundwater** from about 200 feet under the Verdugo Basin. Local water production is highly dependent on precipitation, which may take up to three years to fully infiltrate and replenish the basin.

CVWD BEHIND THE TAP

When people turn on their faucet or flush their toilet, they probably aren't aware of everything that CVWD does behind the scenes to keep that water flowing. When you pay your water bill, you're paying to install, operate, maintain and improve our water system. While every effort is made by CVWD to find improved efficiencies and reduce expenses, the costs to provide reliable and sustainable water service involves many factors.

- **Water Supply:** CVWD utilizes two water sources including 40% groundwater from the Verdugo Basin and 60% from imported supplies from Northern California and the Colorado River
- **Operating Expenses:** Costs to operate the district and support its daily functions. Including many water quality tests, repairing leaks and maintaining adequate water storage
- **Labor:** Highly specialized staff to support CVWD daily operations, customer services and emergency response
- **Capital Improvement Projects:** Projects to improve and secure our water infrastructure to maintain water quality, reliability and future needs
- **Debt Service:** Costs to repay money borrowed to build existing and future infrastructure

Cost Components



CRESCENTA VALLEY WATER DISTRICT CVWD

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