



Nonpotable & Recycled Water

RECYCLED WATER

Coachella Valley Water District (CVWD) collects wastewater from homes and businesses through a sewer system for high-level treatment at two water reclamation plants. Certified employees play a vital role in protecting public health by overseeing the wastewater treatment process and water quality testing to verify it meets safety standards, ensuring it can be safely reused for golf courses and landscaping.

SYSTEM INFORMATION

- Wastewater Reclamation Plants that recycle water – 2
- Total Daily Tertiary Capacity – 17.5 million gallons per day
- Distribution Piping System – 46 miles
- Wastewater recycled – 3.4 billion gallons per year

HOW MUCH WATER DOES THE AVERAGE GOLF COURSE USE FOR IRRIGATION?

Some courses use from about 300 acre-feet per year for smaller courses in a wind-protected area to about 1,400 acre-feet per year for larger courses in windy areas. The average use is around 1,000 acre-feet per year.

MID-VALLEY PIPELINE

CVWD constructed the Mid-Valley Pipeline (MVP) in 2009 to supplement the recycled water supply and to meet the irrigation demand of nonpotable water use customers instead of pumping groundwater. It delivers canal water to CVWD’s Wastewater Reclamation Plant in Palm Desert through a seven mile, 54-inch pipeline.

In 2024, 24,201 acre-feet of nonpotable water (which includes 10,454 acre-feet of recycled water) were delivered to nonpotable water customers in the mid-valley area, making the same amount of groundwater available for drinking and more.

RECYCLED & NONPOTABLE WATER

BY THE NUMBERS (WITHIN CVWD BOUNDARIES)

- 17.5 golf course customers use a nonpotable blend of recycled water and Colorado River water for irrigation.
- 36.5 golf courses use all Colorado River water from the Coachella Canal or the Mid-Valley Pipeline.
- 54 golf courses out of 106 use a nonpotable water source within CVWD’s service area.
- 42 additional golf courses plan to switch from groundwater to nonpotable water in the future.
- 45,809 acre-feet of nonpotable water was used in 2024, making the same amount of groundwater available for drinking and other potable purposes.
- 165.42 acres of turf was removed by 26 golf courses from 2015-2018, resulting in a water savings of more than 956 acre-feet per year.

Note: 1 acre-foot of water is equal to 325,851 gallons, or enough water to cover one acre of land one foot deep (such as a football field).

CVWD is committed to increasing the supply and use of nonpotable water to maintain a reliable water source other than groundwater, which is also a key component of the District’s long-term water management plans.



Your water is our promise

| [CVWD.org/ourpromise](https://www.CVWD.org/ourpromise)

Main line: 760.398.2651

Customer Service: 760.391.9600

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