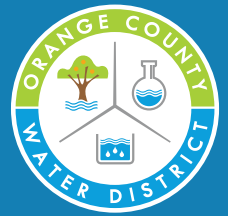


PFAS In Orange County



PFAS are everywhere

Per- and polyfluoroalkyl substances (PFAS) are a large group of man-made chemicals used since the 1940s in common household and commercial products. PFAS chemicals are often used to keep food from sticking to cookware but are also used to make clothes, carpets, and furniture resistant to water and stains. Firefighting foams used to extinguish fuel and oil fires have historically also contained PFAS. Chemical manufacturers are the original source of PFAS chemicals.

Protecting water quality

Orange County Water District (OCWD) and the public water systems it serves provide safe and reliable drinking water that consistently meets all state and federal drinking water standards. PFAS have been detected in the Orange County Groundwater Basin in very tiny amounts (parts per trillion), entering primarily via the Santa Ana River whose flows infiltrate into the basin. Despite playing no role in releasing PFAS into the environment, OCWD is working with its cities and retail water districts to remove it from local water supplies in order to comply with new state and federal regulations.

- More than 100 out of 200 wells have been impacted due to various state and federal regulations.
- Fifteen impacted agencies will have to temporarily purchase more costly imported water to replace PFAS contaminated supplies.
- PFAS related costs are expected to be approximately \$1.8 billion in Orange County over the next 30 years.

Swiftly addressing PFAS



STATE-OF-THE-ART TESTING

First public agency laboratory in California to achieve state certification to analyze for PFAS in drinking water.



RESEARCH

Launched the nation's largest pilot project to test different types of treatment media to determine the most effective solution that will restore the impacted drinking water supply.



BUILD TREATMENT PLANTS

Funding 100% of the design and construction, and 50% of the operation and maintenance costs for treatment facilities.



LEGISLATIVE ADVOCACY

Actively monitoring for any state or federal regulatory changes and advocating to hold polluters accountable.



PROTECT RATEPAYERS

Filed a lawsuit against PFAS manufacturers who substantially contributed to the contamination of Orange County's groundwater, drinking water, and real property.