



FACT SHEET water quality

BACKGROUND

Central Arizona Project (CAP) delivers Colorado River water to users in central and southern Arizona.

While CAP does not treat the water it delivers, water quality data has been provided to stakeholders since the first water deliveries began in 1985.



WATER QUALITY MONITORING TODAY

As a service to water users and stakeholder groups, CAP publishes extensive water quality data on its website. This data gives water providers important information about the water CAP delivers so that treatment plants can be properly equipped and treatments can be applied to meet national drinking water standards. CAP's monitoring program consists of both real-time measurements and more extensive monthly and quarterly samples.



HOW DOES CAP NOTIFY WATER USERS ABOUT WATER QUALITY?

Along with publishing data on the website, notifications sent to stakeholders provide high-priority updates on issues that impact the quality of water delivered to CAP water users.

In addition, CAP publishes a Water Quality Annual Report that summarizes results from CAP's monitoring program, including source water from the Colorado River and Lake Pleasant, and water in the canal.

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WHERE IS WATER QUALITY TESTED?

CAP monitors water quality each month at its Colorado River source and monthly at its storage reservoir, Lake Pleasant. In addition, five sites throughout the 336-mile system are monitored each month. The samples test for more than 400 water quality constituents. Three additional sites are monitored in real time for basic water quality constituents.

PLANNING FOR THE FUTURE

CAP is facing a variety of challenges, including climate change, water shortage, invasive species, emerging contaminants, and introducing non-Colorado River water into the system. Such challenges are all addressed by CAP and its elected, 15-member Board of Directors in collaboration with stakeholders and other agencies.

MORE INFORMATION

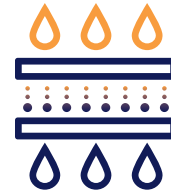
CAP has created a portal for maps and data related to water quality for water users. Visit the CAP AquaPortal at aquaportal.cap-az.com

To sign up for CAP's water quality notifications, email info@cap-az.com.

IMPORTANT MONITORING PARAMETERS

These are some of the characteristics that can have a real-time effect on how cities treat the water delivered by CAP to meet drinking water standards.

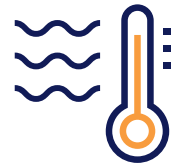
TURBIDITY



pH



TEMPERATURE



DISSOLVED OXYGEN



TOTAL ORGANIC CARBON



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