



Hauled Water Safety:

How water is checked before it enters the park system

Ensuring the safety of hauled water helps protect the health of Grand Canyon National Park visitors, residents and staff. The National Park Service follows a multi-step process for truck sanitation and water-quality testing in accordance with Arizona Department of Environmental Quality (ADEQ) requirements.



Two Checkpoints Before Water Enters the Park System

1

FLAGSTAFF | Sanitation and Pre-fill Checks

Trucks are sanitized and tested for *E. coli* and coliform bacteria, with a waiting period following sanitation. At the Flagstaff fill point, contractors test water for chlorine, pH, temperature and conductivity. They also inspect the truck and equipment to verify that required safety and operational standards are met before filling.

2

GRAND CANYON | Testing Before Offloading

Before water is offloaded, NPS Water Utilities staff test for pH, temperature, chlorine and conductivity. Staff also physically inspect the truck and equipment before the water is introduced into the park's water system. Compatibility testing for sulfate and chlorine was also conducted to help minimize the risk of corrosion in the park's water system. These checks help identify potential issues and reduce the risk of contamination.

What is Checked?

Bacterial Screening

E. coli and coliform bacteria are checked as part of the Flagstaff sanitation process.



Water Quality

Chlorine, pH, temperature and conductivity are measured at the Flagstaff fill point and again at the park.



Truck and Equipment

Physical inspections are completed before filling and before water is offloaded at Grand Canyon.



NPS COMMITMENT: Thorough Testing and Ongoing Oversight

The National Park Service is committed to careful sanitation, thorough testing and ongoing oversight throughout the water-delivery process. Park staff will continue following established safety protocols and applicable ADEQ requirements to help ensure delivered water meets required water-quality standards.

