



**CACTUS STATE**

**Utility Operating Company**

A CSWR Managed Utility

## **IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**

### **Mohawk Utility AZ0414030 Did Not Meet Treatment Requirements**

Our water system recently violated a drinking water standard. Although this was not an emergency, as our customers, you have a right to know what happened, what you should do, and what we did (are doing) to correct this situation.

We routinely monitor your water for turbidity (cloudiness). This tells us whether we are effectively filtering the water supply. Water samples for November showed 43 percent of turbidity measurements were over 1 NTU (Turbidity units). The standard is that no more than 5 percent of samples may exceed 1 NTU (Turbidity units) per month.

#### **What should I do?**

- You do not need to boil your water or take other actions. We do not know of any contamination, and none of our testing has shown disease-causing organisms in the drinking water.
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1-800-426-4791.

#### **What does this mean?**

This is not an emergency. If it had been, you would have been notified immediately. *Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.* These symptoms are not caused only by organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice.

#### **What is being done?**

The recent turbidity exceedances were initially attributed to a sudden change in water quality from the Wellton-Mohawk Irrigation Canal. At that time, canal conditions returned to normal, and we confirmed compliance with turbidity standards. However, a subsequent spike occurred in November, prompting further investigation.

Our current assessment indicates that sampling procedures may have contributed to the elevated readings. Specifically, when water flow from the test port is high, it can introduce additional sediment into the sample compared to slower flow conditions. Additionally, we identified that pre- and post-filters were not being replaced as frequently as needed, which may have impacted filtration performance.

To address these concerns, we have implemented the following corrective measures:

- **Filter Maintenance:** Pre-filters will now be replaced twice weekly (Monday and Friday), and post-filters will be replaced weekly (Friday).
- **Media Filter Backwashing:** Continued backwashing of media filters three times per week.
- **Operator Awareness:** Reinforced turbidity limit requirements (1 NTU) with plant personnel to ensure proactive monitoring and response.

These actions are intended to stabilize turbidity levels and maintain compliance with regulatory standards. We will continue to monitor system performance closely and adjust procedures as necessary.



For more information, please contact Cactus State UOC at 1-800-670-4869 or [support@cactusstateuoc.com](mailto:support@cactusstateuoc.com).

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

This notice is being sent to you by Mohawk Utility. State Water System ID#AZ0414030.