

## TIERRA MESA AZ0414080 DRINKING WATER ADVISORY

Cactus State Utility Operating Company (Cactus State) is publishing this notice to inform customers about the detection of a Per- and Polyfluoroalkyl Substance (PFAS) **below** the U.S. Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL) for PFAS in drinking water at the Tierra Mesa water system (AZ0414080).

In April 2024, the United States Environmental Protection Agency (EPA) finalized a National Primary Drinking Water Regulation establishing MCLs for six types of PFAS in drinking water: PFOA, PFOS, PFHxS, PFNA, and HFPO-DA as contaminants with individual MCLs, and PFAS mixtures containing at least two or more of PFHxS, PFNA, HFPO-DA, and PFBS using a Hazard Index (HI) MCL to account for the combined and co-occurring levels of these PFAS in drinking water. While Arizona has no known manufacturers of PFAS chemicals, PFAS has been used in a variety of everyday products and product coatings since the early 1950s. Research indicates PFAS compounds were not used on large-scale industrial applications and tend to be localized near areas of potential frequent use.

On May 20, 2026, as part of the PFAS initial monitoring requirements, the Arizona Department of Environmental Quality conducted a test of the Tierra Mesa AZ0414080 water system. The laboratory reported a detection of PFHxS slightly above laboratory detection limit, while still **below** the EPA MCL.

| Chemical   | EPDS001 PFAS Results (ppt) or HI Value | Maximum Contaminant Level (MCL) |
|--|--|---------------------------------|
| <b>EPA Method 537.1</b>                                |  |                                 |
| PFOA   | Not detected                           | 4.0 ppt                         |
| PFOS   | Not detected                           | 4.0 ppt                         |
| PFNA   | Not detected                           | 10 ppt                          |
| PFHxS  | 2.44                                   | 10 ppt                          |
| HFPO-DA (GenX chemicals)                               | Not detected                           | 10 ppt                          |
| Mixture of two or more: PFHxS, PFNA, HFPO-DA, and PFBS | Not applicable                         | Hazard Index of 1               |

For more detailed information on PFAS, visit:

- <https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>
- [https://azdeq.gov/PFAS\\_DW](https://azdeq.gov/PFAS_DW)

For questions regarding the Tierra Mesa water system, please contact Cactus State at 1-800-670-4869 or support@cactusstateuoc.com.