

Hardy County PSD - Baker Water System PFAS Test Results

Per- and Polyfluoroalkyl Substances (PFAS) National Drinking Water Regulations

In accordance with US-EPA regulations, Hardy County PSD's Baker Water System was identified as PFAS contaminated water system following initial testing in October 2022. Regulations then required that water samples be taken at the system's entry point and tested for all regulated PFAS contaminants during any four consecutive quarters between April 2024 and July 2027.

PFAS Compound	Maximum Contaminant Level (parts per trillion)	Hardy County PSD Sample Date							
		October 24, 2022	August 19, 2024	November 18, 2024	February 24, 2025	May 12, 2025	September 29, 2025	November 17, 2025	March 24, 2026
PFOS	4.0 ppt	Non-Detect	3.1 ppt	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
PFOA	4.0 ppt	2.4 ppt	2.6 ppt	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
PFHxS	10.0 ppt	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
PFNA	10.0 ppt	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
HFPO-DA	10.0 ppt	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect
PFBS	Hazard Index > 1.0*	Non-Detect	6.5 ppt	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect

* Hazard Index can only be calculated if there are two or more of the following PFAS compounds present in a given sample: PFHxS, PFNA, HFPO-DA & PFBS. If less than two of these PFAS compounds are present in a given sample, the Hazard Index can not be calculated; MCL exceedences can occur.