

## HARRISON CO WATER ASSOC

CYNTHIANA, KY | PWSID: KY0490179 | Population served: 16,736  
Based on EPA UCMR 5 testing data (2023-2025) | Report generated July 10, 2026



### PFOS severely exceeds the federal limit at 7.58x the EPA maximum

The EPA set enforceable limits for six PFAS compounds in April 2024. Grade reflects the worst single compound result.

### Findings

| Compound | Detected (ppt) | EPA Limit (ppt) | Ratio | Status           |
|----------|----------------|-----------------|-------|------------------|
| PFOS     | 30.3           | 4.0             | 7.58  | <b>EXCEEDS</b>   |
| PFHxS    | 9.8            | 10.0            | 0.98  | Below limit      |
| PFPeA    | 9.1            | -               | -     | No federal limit |
| PFBA     | 7.9            | -               | -     | No federal limit |
| PFHxA    | 6.0            | -               | -     | No federal limit |
| PFHpA    | 4.7            | -               | -     | No federal limit |
| PFBS     | 4.2            | -               | -     | No federal limit |

### What This Means

This water system serves 16,736 residents in CYNTHIANA. EPA testing detected 29 PFAS compounds, 1 of which exceed federal drinking water limits. Residents served by this system should consider installing an NSF 53 or NSF 58 certified water filter.

### What You Can Do

- Request your utility's full Consumer Confidence Report (CCR) for additional water quality data
- Consider an NSF 53 (pitcher) or NSF 58 (reverse osmosis) certified filter if PFAS were detected
- Attend your local water board or city council meeting to ask about treatment plans