

## EAST MOORE WATER DISTRICT

CARTHAGE, NC | PWSID: NC5063011 | Population served: 8,842

Based on EPA UCMR 5 testing data (2023-2025) | Report generated May 25, 2026



### PFOS exceeds the federal limit at 2.48x 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	9.9	4.0	2.48	<b>EXCEEDS</b>
PFOA	6.5	4.0	1.63	<b>EXCEEDS</b>
PFHxS	3.4	10.0	0.34	Below limit
PFBA	6.9	-	-	No federal limit
PFHxA	6.7	-	-	No federal limit
PFPeA	6.5	-	-	No federal limit
PFBS	3.9	-	-	No federal limit
PFHpA	3.8	-	-	No federal limit

### What This Means

This water system serves 8,842 residents in CARTHAGE. EPA testing detected 29 PFAS compounds, 2 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