Water Quality Report Card

CheckYourWater.org

CAROLINA TRACE WATER SYSTEM

CHARLOTTE, NC | PWSID: NC0353101 | Population served: 4,516

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

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PFOS exceeds the federal limit at 3.09x 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	12.3	4.0	3.09	**EXCEEDS**
PFOA	7.8	4.0	1.96	**EXCEEDS**
PFHxS	3.9	10.0	0.39	Below limit
PFPeA	7.4	-	-	No federal limit
PFHxA	7.3	-	-	No federal limit
PFBA	6.0	-	-	No federal limit
PFHpA	4.7	-	-	No federal limit
PFBS	4.1	-	-	No federal limit

What This Means

This water system serves 4,516 residents in CHARLOTTE. 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

This report is provided for informational purposes. It is not a substitute for professional water quality analysis.