

Fort Mill, SC

Water Quality Report

A plain-language review of the contaminant values and health guideline comparisons shown in the supplied Fort Mill utility profile.

12 profile entries	3 units shown	Source utility profile
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What the profile shows

The supplied profile lists several disinfection byproducts, chromium (hexavalent), nitrate and PFOA. It compares each reported utility value with an EWG health guideline and, where shown, includes a regulatory limit label. These comparisons are useful context for understanding the profile; they do not by themselves determine whether the utility is in compliance or what is present at a specific home.

Highest displayed guideline ratio	Haloacetic acids (HAA9)	293.3x
Reported nitrate	0.330 ppm	2.4x guideline
Reported PFOA	0.480 ppt	5.3x guideline

How to read the numbers

“Reported level” is the concentration shown in the supplied profile. “EWG guideline” is the comparison value shown there. “Ratio” is recalculated by dividing the reported concentration by that guideline after matching units, rounded to one decimal. The source graphic uses rounded whole-number badges, so a displayed ratio may differ slightly. For example, the TTHM ratio is $28.3 \div 0.15 = 188.7x$ (shown as 189x in the image).

The source image does not show a sampling date, monitoring period, sampling location or method. Regulatory labels below are transcribed from the image and are not a current compliance assessment.

Reported substances and comparison values

Values and source limit labels are transcribed from the user-supplied profile. Ratios are calculated from the displayed figures.

Substance or group	Reported level	EWG guideline	Ratio ¹	Limit label in source ²
Bromodichloromethane	7.45 ppb	0.06 ppb	124.2x	No legal limit
Chloroform	16.9 ppb	0.4 ppb	42.3x	No legal limit
Chromium (hexavalent)	0.130 ppb	0.02 ppb	6.5x	No legal limit
Dibromoacetic acid	0.298 ppb	0.03 ppb	9.9x	No legal limit
Dibromochloromethane	3.21 ppb	0.1 ppb	32.1x	No legal limit
Dichloroacetic acid	8.19 ppb	0.2 ppb	41.0x	No legal limit
Haloacetic acids (HAA5)	13.7 ppb	0.1 ppb	137.0x	Legal limit: 60 ppb
Haloacetic acids (HAA9)	17.6 ppb	0.06 ppb	293.3x	No legal limit
Nitrate	0.330 ppm	0.14 ppm	2.4x	Legal limit: 10 ppm
Perfluorooctanoic acid (PFOA)	0.480 ppt	0.09 ppt	5.3x	Proposed legal limit: 4 ppt
Total trihalomethanes (TTHMs)	28.3 ppb	0.15 ppb	188.7x	Legal limit: 80 ppb
Trichloroacetic acid	5.29 ppb	0.1 ppb	52.9x	No legal limit

Notes and scope

¹ Ratios are recalculated from displayed concentrations and guidelines, not copied from the graphic's rounded badges. Units are kept as displayed: ppb = parts per billion; ppm = parts per million; ppt = parts per trillion.

² "Legal limit" and "proposed legal limit" labels reproduce the wording in the supplied profile. This report does not independently verify current regulatory standards or assess utility compliance. Compliance determinations depend on applicable monitoring and averaging rules.

Important: A public water system profile is not a test of water at an individual home. It cannot establish a household exposure level. For decisions about your home, consider a current certified laboratory test and a qualified water-treatment evaluation.

Source: User-supplied Fort Mill, SC contaminant profile image. No public-system identification, sampling period, method or site-specific home result was included in the image.