

Neuse Regional Water and Sewer Authority

2015 Detected Contaminants

Substances (Measuring Units)	Highest Level Allowed [MCL]	Highest Level Detected	Range Detected	Description and Origin of Substance
Sodium (ppm)	n/a	26.1	26.1	Naturally occurring mineral; also a byproduct of disinfection processes.
Fluoride (ppm)	4	0.81	0.63 - 0.81	Natural occurring mineral; also added to water to promote dental health.
Sulfate (ppm)	n/a	32	32	Natural occurring mineral; also a byproduct of conventional water treatment.
Total Organic Carbon Raw (ppm)	TT*	10.0	4.4 - 10.0	Organic matter naturally present in the environment.
Total Organic Carbon Treated (ppm)	TT*	2.8	1.7 - 2.8	Organic matter naturally present in the environment.
Turbidity (NTU)	1.0 and 95% of samples below 0.3 (Treatment Technique)	0.44 and 99% of samples below 0.3	n/a	Measure of cloudiness in water; may be caused by inorganic soil particles or fragments of organic matter that can interfere with treatment.
pH (units)	9.0	8.1	7.7 - 8.1	Measure of the acidity of water, with acidity decreasing with increasing pH value; pH scale ranges 0-14.

TT = Treatment Technique

Source Name	Suceptibility Rating	SWAP Report Date
Neuse River	Higher	July 2015