



## Ashe County

Contaminant	Number of wells tested	Minimum	Maximum	Average	Maximum Contaminant Level (MCL) * Secondary MCL	Units	Number of wells tested above MCL	Percentage of wells tested above MCL	Number of wells below MCL	Percentage of wells tested below MCL
<a href="#">1,2-Dibromoethane</a>	Not Tested	0	0	0	0.05	µg/L	0	Not Tested		
<a href="#">1,2-Dichloropropane</a>	Not Tested	0	0	0	5	µg/L	0	Not Tested		
<a href="#">Arsenic</a>	408	0.5	5	1.6	10	µg/L	0	0.00%		
<a href="#">Barium</a>	176	50	50	50	2,000	µg/L	0	0.00%		
<a href="#">Benzene</a>	Not Tested	0	0	0	5	µg/L	0	Not Tested		
<a href="#">Cadmium</a>	176	0.5	2.5	0.7	5	µg/L	0	0.00%		
<a href="#">Chromium</a>	175	5	20	5.1	100	µg/L	0	0.00%		
<a href="#">cis-1,2-Dichloroethene (c-DCE)</a>	11	0.25	0.25	0.25	70	µg/L	0	0.00%		
<a href="#">Copper</a>	408	25	3,440.00	89.30	1,300*	µg/L	3	0.74%		
<a href="#">Ethylbenzene</a>	Not Tested	0	0	0	700	µg/L	0	Not Tested		
<a href="#">Fluoride</a>	543	100	2,100.00	155.50	4,000*	µg/L	0	0.00%		
<a href="#">Iron</a>	406	25	32,700.00	540.00	300*	µg/L	77	18.97%		
<a href="#">Isopropyl Ether</a>	Not Tested	0	0	0	No drinking water standard	µg/L				
<a href="#">Lead</a>	410	2.5	2,300.00	9.70	15	µg/L	15	3.66%		
<a href="#">Magnesium</a>	409	3330	3,770.00	3,542.50	No drinking water standard	µg/L				
<a href="#">Manganese</a>	408	15	2,330.00	37.50	50*	µg/L	47	11.52%		

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<a href="#">Mercury</a>	183	0.3	0.3	0.3	2	µg/L	0	0.00%		
<a href="#">Methyl tertiary butyl ether (MTBE)</a>	11	0.25	1.1	0.33	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
<a href="#">Nitrate</a>	75	500	10,610.00	869.20	10,000	µg/L	0	0.00%		
<a href="#">Nitrite</a>	80	50	50	50	1,000	µg/L	0	0.00%		
<a href="#">pH</a>	408	5.3	9.9	7.02	6.5-8.5*	standard units	6	1.47%	75	18.38%
<a href="#">Selenium</a>	179	2.5	17	2.6	50	µg/L	0	0.00%		
<a href="#">Silver</a>	177	25	25	25	100*	µg/L	0	0.00%		
<a href="#">Sodium</a>	55	2,000	200,000.00	17,449.10	No drinking water standard	µg/L				
<a href="#">Tetrachloroethylene (PCE)</a>	11	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Toluene</a>	Not Tested	0	0	0	1,000	µg/L	0	Not Tested		
<a href="#">trans-1,2-Dichloroethene (t-DCE)</a>	11	0.25	0.25	0.25	100	µg/L	0	0.00%		
<a href="#">Trichloroethylene (TCE)</a>	11	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Vinyl chloride</a>	11	0.25	0.25	0.25	2	µg/L	0	0.00%		
<a href="#">Xylenes (Total)</a>	Not Tested	0	0	0	10,000	µg/L	0	Not Tested		
<a href="#">Zinc</a>	406	25	9,000.00	324.80	5,000*	µg/L	5	1.23%		

\* **Secondary MCL:** Secondary contaminants may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water.<sup>8</sup> The **Secondary Maximum Contaminant Level (SMCL)** is a non-enforceable standard for secondary contaminants in drinking water. SMCLs may be based upon a contaminant's likelihood to cause changes to the taste, odor, or color of drinking water, or, may be based on the likelihood of the contaminant to cause technical changes such as damage to water fixtures or an increased availability of other contaminants in drinking water.<sup>8</sup>

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