



## Wilkes County

Contaminant	Number of wells tested	Minimum	Maximum	Average	<u>Maximum Contaminant Level (MCL)</u> * 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>	354	0.5	51.9	2.1	10	µg/L	5	1.41%		
<a href="#">Barium</a>	280	100	200	152.9	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>	280	0.5	0.5	0.5	5	µg/L	0	0.00%		
<a href="#">Chromium</a>	286	5	35	5.1	100	µg/L	0	0.00%		
<a href="#">cis-1,2-Dichloroethene (c-DCE)</a>	Not Tested	0	0	0	70	µg/L	0	Not Tested		
<a href="#">Copper</a>	348	25	230	28	1,300*	µg/L	0	0.00%		
<a href="#">Ethylbenzene</a>	Not Tested	0	0	0	700	µg/L	0	Not Tested		
<a href="#">Fluoride</a>	958	100	4,100.00	608.90	4,000*	µg/L	3	0.31%		
<a href="#">Iron</a>	340	25	11,500.00	498.80	300*	µg/L	98	28.82%		
<a href="#">Isopropyl Ether</a>	Not Tested	0	0	0	No drinking water standard	µg/L				
<a href="#">Lead</a>	376	2.5	318	4.8	15	µg/L	11	2.93%		
<a href="#">Magnesium</a>	348	8,800	8,476,000.00	40,031.30	No drinking water standard	µg/L				
<a href="#">Manganese</a>	348	15	3,650.00	58.10	50*	µg/L	84	24.14%		

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="#">Mercury</a>	280	0.3	0.3	0.3	2	µg/L	0	0.00%		
<a href="#">Methyl tertiary butyl ether (MTBE)</a>	Not Tested	0	0	0	20* (recommended taste and odor threshold)	µg/L	0	Not Tested		
<a href="#">Nitrate</a>	306	500	11,600.00	1,385.10	10,000	µg/L	0	0.00%		
<a href="#">Nitrite</a>	Not Tested	0	0	0	1,000	µg/L	0	Not Tested		
<a href="#">pH</a>	348	5.4	9.7	7.14	6.5-8.5*	standard units	9	2.59%	69	19.83%
<a href="#">Selenium</a>	280	2.5	10.1	2.6	50	µg/L	0	0.00%		
<a href="#">Silver</a>	280	25	25	25	100*	µg/L	0	0.00%		
<a href="#">Sodium</a>	276	1,000	638,000.00	22,465.20	No drinking water standard	µg/L				
<a href="#">Tetrachloroethylene (PCE)</a>	Not Tested	0	0	0	5	µg/L	0	Not Tested		
<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>	Not Tested	0	0	0	100	µg/L	0	Not Tested		
<a href="#">Trichloroethylene (TCE)</a>	Not Tested	0	0	0	5	µg/L	0	Not Tested		
<a href="#">Vinyl chloride</a>	Not Tested	0	0	0	2	µg/L	0	Not Tested		
<a href="#">Xylenes (Total)</a>	Not Tested	0	0	0	10,000	µg/L	0	Not Tested		
<a href="#">Zinc</a>	340	25	23,260.00	413.40	5,000*	µg/L	5	1.47%		

\* **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>

Tracking and Analyzing Contaminants (TrAC) in Private Well Water in NC

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