



## Stanly 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>	8	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
<a href="#">1,2-Dichloropropane</a>	8	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Arsenic</a>	933	0.5	806	9.7	10	µg/L	188	20.15%		
<a href="#">Barium</a>	234	50	50	50	2,000	µg/L	0	0.00%		
<a href="#">Benzene</a>	10	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Cadmium</a>	234	0.5	5	0.6	5	µg/L	0	0.00%		
<a href="#">Chromium</a>	234	0.5	10	5	100	µg/L	0	0.00%		
<a href="#">cis-1,2-Dichloroethene (c-DCE)</a>	11	0.25	67.5	12.48	70	µg/L	0	0.00%		
<a href="#">Copper</a>	890	25	2,670.00	51.90	1,300*	µg/L	4	0.45%		
<a href="#">Ethylbenzene</a>	10	0.25	0.25	0.25	700	µg/L	0	0.00%		
<a href="#">Fluoride</a>	2,158	100	8,150.00	319.70	4,000*	µg/L	1	0.05%		
<a href="#">Iron</a>	869	25	41,440.00	412.60	300*	µg/L	195	22.44%		
<a href="#">Isopropyl Ether</a>	10	0.25	5.2	1.24	No drinking water standard	µg/L				
<a href="#">Lead</a>	900	2.5	183	3.5	15	µg/L	13	1.44%		
<a href="#">Magnesium</a>	867	4,800	410,000.00	11,594.50	No drinking water standard	µg/L				
<a href="#">Manganese</a>	876	15	12,180.00	168.10	50*	µg/L	282	32.19%		

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>	195	0.3	0.3	0.3	2	µg/L	0	0.00%		
<a href="#">Methyl tertiary butyl ether (MTBE)</a>	13	0.25	28.9	4.66	20* (recommended taste and odor threshold)	µg/L	2	15.38%		
<a href="#">Nitrate</a>	185	500	10,320.00	1,188.80	10,000	µg/L	0	0.00%		
<a href="#">Nitrite</a>	190	50	50	50	1,000	µg/L	0	0.00%		
<a href="#">pH</a>	866	5.2	8.6	7.3	6.5-8.5*	standard units	1	0.12%	71	8.20%
<a href="#">Selenium</a>	234	2.5	12	2.7	50	µg/L	0	0.00%		
<a href="#">Silver</a>	233	25	25	25	100*	µg/L	0	0.00%		
<a href="#">Sodium</a>	180	1,000	626,000.00	24,371.70	No drinking water standard	µg/L				
<a href="#">Tetrachloroethylene (PCE)</a>	11	0.25	1889	344.23	5	µg/L	2	18.18%		
<a href="#">Toluene</a>	10	0.25	0.25	0.25	1,000	µg/L	0	0.00%		
<a href="#">trans-1,2-Dichloroethene (t-DCE)</a>	9	0.25	0.25	0.25	100	µg/L	0	0.00%		
<a href="#">Trichloroethylene (TCE)</a>	11	0.25	257	46.93	5	µg/L	2	18.18%		
<a href="#">Vinyl chloride</a>	9	0.25	0.25	0.25	2	µg/L	0	0.00%		
<a href="#">Xylenes (Total)</a>	8	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
<a href="#">Zinc</a>	880	25	1,940.00	77.20	5,000*	µg/L	0	0.00%		

\* **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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