



## Randolph 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>	74	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
<a href="#">1,2-Dichloropropane</a>	74	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Arsenic</a>	1,793	0.5	106	3	10	µg/L	88	4.91%		
<a href="#">Barium</a>	504	50	50	50	2,000	µg/L	0	0.00%		
<a href="#">Benzene</a>	78	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Cadmium</a>	507	0.5	5	0.5	5	µg/L	1	0.20%		
<a href="#">Chromium</a>	504	5	77.3	5.4	100	µg/L	0	0.00%		
<a href="#">cis-1,2-Dichloroethene (c-DCE)</a>	94	0.25	0.25	0.25	70	µg/L	0	0.00%		
<a href="#">Copper</a>	1,792	25	5,100.00	56.70	1,300*	µg/L	8	0.45%		
<a href="#">Ethylbenzene</a>	90	0.25	0.25	0.25	700	µg/L	0	0.00%		
<a href="#">Fluoride</a>	3,396	100	8,600.00	288.00	4,000*	µg/L	1	0.03%		
<a href="#">Iron</a>	1,785	25	73,730.00	675.70	300*	µg/L	374	20.95%		
<a href="#">Isopropyl Ether</a>	78	0.25	1.9	0.29	No drinking water standard	µg/L				
<a href="#">Lead</a>	2,102	2.5	9,710.00	13.80	15	µg/L	97	4.62%		
<a href="#">Magnesium</a>	1,791	3,700	333,900.00	6,905.80	No drinking water standard	µg/L				
<a href="#">Manganese</a>	1,791	15	11,000.00	118.20	50*	µg/L	436	24.34%		

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<a href="#">Mercury</a>	454	0.3	2.5	0.30	2	µg/L	1	0.22%		
<a href="#">Methyl tertiary butyl ether (MTBE)</a>	142	0.25	9	0.37	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
<a href="#">Nitrate</a>	871	500	18,270.00	1,119.30	10,000	µg/L	0	0.00%		
<a href="#">Nitrite</a>	876	50	50	50.00	1,000	µg/L	0	0.00%		
<a href="#">pH</a>	1,793	3.9	9.5	7.04	6.5-8.5*	standard units	8	0.45%	339	18.91%
<a href="#">Selenium</a>	504	0.3	25	2.80	50	µg/L	0	0.00%		
<a href="#">Silver</a>	504	25	25	25.00	100*	µg/L	0	0.00%		
<a href="#">Sodium</a>	315	500	13,794,000.00	69,002.20	No drinking water standard	µg/L				
<a href="#">Tetrachloroethylene (PCE)</a>	116	0.25	163	4.30	5	µg/L	8	6.90%		
<a href="#">Toluene</a>	76	0.25	7.2	0.43	1,000	µg/L	0	0.00%		
<a href="#">trans-1,2-Dichloroethene (t-DCE)</a>	94	0.25	0.25	0.25	100	µg/L	0	0.00%		
<a href="#">Trichloroethylene (TCE)</a>	102	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Vinyl chloride</a>	96	0.25	0.25	0.25	2	µg/L	0	0.00%		
<a href="#">Xylenes (Total)</a>	76	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
<a href="#">Zinc</a>	1,784	25	8,400.00	89.30	5,000*	µg/L	3	0.17%		

\* **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  
UNC Superfund Research Program- Research Translation Core  
Funded by an ARRA supplement from NIEHS (P42-ES005948) 2009-2011

