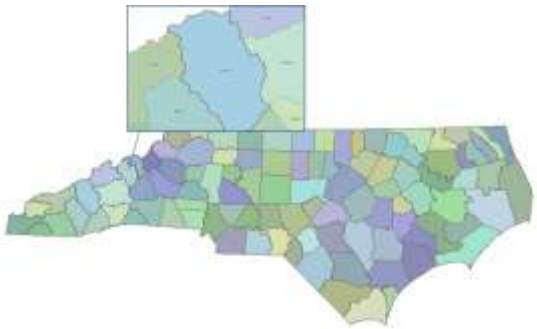

Haywood County

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
1,2-Dibromoethane	Not Tested	0	0	0	0.05	µg/L	0	Not Tested		
1,2-Dichloropropane	Not Tested	0	0	0	5	µg/L	0	Not Tested		
Arsenic	1,435	0.5	5	1.4	10	µg/L	0	0.00%		
Barium	537	50	50	50	2,000	µg/L	0	0.00%		
Benzene	Not Tested	0	0	0	5	µg/L	0	Not Tested		
Cadmium	535	0.5	2.5	0.6	5	µg/L	0	0.00%		
Chromium	535	5	94.6	5.3	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	7	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	1,438	25	4,500.00	91.50	1,300*	µg/L	15	1.04%		
Ethylbenzene	Not Tested	0	0	0	700	µg/L	0	Not Tested		
Fluoride	2,007	100	3,140.00	377.80	4,000*	µg/L	0	0.00%		
Iron	1,424	25	86,920.00	619.50	300*	µg/L	339	23.81%		
Isopropyl Ether	Not Tested	0	0	0	No drinking water standard	µg/L				
Lead	1,448	2.5	2,678.00	5.40	15	µg/L	30	2.07%		
Magnesium	1,407	1,500	1,600.00	1,536.40	No drinking water standard	µg/L				
Manganese	1,435	15	6,030.00	33.20	50*	µg/L	122	8.50%		

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
Mercury	469	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	7	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	400	500	9,310.00	717.30	10,000	µg/L	0	0.00%		
Nitrite	405	50	50	50	1,000	µg/L	0	0.00%		
pH	1,436	0	10.4	7.06	6.5-8.5*	standard units	18	1.25%	212	14.76%
Selenium	535	2.5	14	2.5	50	µg/L	0	0.00%		
Silver	535	25	25	25	100*	µg/L	0	0.00%		
Sodium	381	1000	290,000.00	16,029.90	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	1	0.25	0.25	0.25	5	µg/L	0	0.00%		
Toluene	Not Tested	0	0	0	1,000	µg/L	0	Not Tested		
trans-1,2-Dichloroethene (t-DCE)	7	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	7	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	7	0.25	0.25	0.25	2	µg/L	0	0.00%		
Xylenes (Total)	Not Tested	0	0	0	10,000	µg/L	0	Not Tested		
Zinc	1,424	25	33,470.00	313.10	5,000*	µg/L	23	1.62%		

* **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.[8] 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.[8]

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

UNC Superfund Research Program- Research Translation Core

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