



Forsyth 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	4	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
1,2-Dichloropropane	4	0.25	0.25	0.25	5	µg/L	0	0.00%		
Arsenic	241	0.5	14	2.4	10	µg/L	2	0.83%		
Barium	129	50	50	50	2,000	µg/L	0	0.00%		
Benzene	4	0.25	0.25	0.25	5	µg/L	0	0.00%		
Cadmium	129	0	16.7	0.7	5	µg/L	1	0.78%		
Chromium	129	5	50.1	5.7	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	8	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	240	25	4,260.00	98.40	1,300*	µg/L	4	1.67%		
Ethylbenzene	4	0.25	0.25	0.25	700	µg/L	0	0.00%		
Fluoride	722	100	2,480.00	503.90	4,000*	µg/L	0	0.00%		
Iron	241	25	92,000.00	818.10	300*	µg/L	55	22.82%		
Isopropyl Ether	4	0.25	0.25	0.25	No drinking water standard	µg/L				
Lead	395	2.5	2,400.00	14.80	15	µg/L	19	4.81%		
Magnesium	240	900	900	900	No drinking water standard	µg/L				
Manganese	240	15	4,090.00	61.40	50*	µg/L	35	14.58%		

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	124	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	10	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	171	500	11,320.00	1,539.20	10,000	µg/L	0	0.00%		
Nitrite	174	50	50	50	1,000	µg/L	0	0.00%		
pH	240	4	8.6	6.9117	6.5-8.5*	standard units	1	0.42%	50	20.83%
Selenium	129	2.5	6.9	2.6	50	µg/L	0	0.00%		
Silver	129	25	25	25	100*	µg/L	0	0.00%		
Sodium	96	1,600	260,000.00	25,497.90	No drinking water standard	µg/L	0			
Tetrachloroethylene (PCE)	8	0.25	84.2	10.96	5	µg/L	1	12.50%		
Toluene	4	0.25	0.25	0.25	1,000	µg/L	0	0.00%		
trans-1,2-Dichloroethene (t-DCE)	8	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	8	0.25	2.7	0.56	5	µg/L	0	0.00%		
Vinyl chloride	8	0.25	0.25	0.25	2	µg/L	0	0.00%		
Xylenes (Total)	4	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
Zinc	240	25	20,190.00	557.70	5,000*	µg/L	8	3.33%		

* **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

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