



Lenoir 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
1,2-Dibromoethane	2	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
1,2-Dichloropropane	2	0.25	0.25	0.25	5	µg/L	0	0.00%		
Arsenic	105	0.5	5	1.8	10	µg/L	0	0.00%		
Barium	37	50	50	50	2,000	µg/L	0	0.00%		
Benzene	2	0.25	0.25	0.25	5	µg/L	0	0.00%		
Cadmium	37	0.5	2.5	0.7	5	µg/L	0	0.00%		
Chromium	37	5	5	5	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	2	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	105	25	180	28.1	1,300*	µg/L	0	0.00%		
Ethylbenzene	2	0.25	0.25	0.25	700	µg/L	0	0.00%		
Fluoride	2,204	100	1,900.00	856.30	4,000*	µg/L	0	0.00%		
Iron	104	25	7,860.00	898.20	300*	µg/L	48	46.15%		
Isopropyl Ether	2	0.25	0.25	0.25	No drinking water standard	µg/L				
Lead	154	2.5	56	3.9	15	µg/L	3	1.95%		
Magnesium	105	12,000	12,200.00	12,138.10	No drinking water standard	µg/L				
Manganese	105	15	570	46	50*	µg/L	35	33.33%		

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	37	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	2	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	93	500	12,820.00	1,892.90	10,000	µg/L	0	0.00%		
Nitrite	95	50	50	50	1,000	µg/L	0	0.00%		
pH	105	3.6	12.3	7.1762	6.5-8.5*	standard units	1	0.95%	24	22.86%
Selenium	37	2.5	2.5	2.5	50	µg/L	0	0.00%		
Silver	37	25	25	25	100*	µg/L	0	0.00%		
Sodium	30	1,000	25,000.00	10,236.70	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	2	0.25	0.25	0.25	5	µg/L	0	0.00%		
Toluene	2	0.25	0.25	0.25	1,000	µg/L	0	0.00%		
trans-1,2-Dichloroethene (t-DCE)	2	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	2	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	2	0.25	0.25	0.25	2	µg/L	0	0.00%		
Xylenes (Total)	2	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
Zinc	104	25	870	66	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.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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