



Craven 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	207	0.5	10	1.4	10	µg/L	0	0.00%		
Barium	38	50	50	50	2,000	µg/L	0	0.00%		
Benzene	1	0.25	0.25	0.25	5	µg/L	0	0.00%		
Cadmium	49	0.5	2.5	1	5	µg/L	0	0.00%		
Chromium	48	5	5	5	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	215	25	1,280.00	62.90	1,300*	µg/L	0	0.00%		
Ethylbenzene	4	0.25	0.25	0.25	700	µg/L	0	0.00%		
Fluoride	547	100	4,870.00	425.30	4,000*	µg/L	3	0.55%		
Iron	208	25	8,830.00	531.20	300*	µg/L	62	29.81%		
Isopropyl Ether	2	0.25	0.25	0.25	No drinking water standard	µg/L				
Lead	252	2.5	923	6.5	15	µg/L	2	0.79%		
Magnesium	208	500	500	500	No drinking water standard	µg/L				
Manganese	207	15	220	26.7	50*	µg/L	24	11.59%		

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	32	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	170	500	22,330.00	1,047.70	10,000	µg/L	0	0.00%		
Nitrite	175	50	50	50	1,000	µg/L	0	0.00%		
pH	207	4.1	8.9	7.67	6.5-8.5*	standard units	16	7.73%	13	6.28%
Selenium	37	2.5	2.5	2.5	50	µg/L	0	0.00%		
Silver	38	25	25	25	100*	µg/L	0	0.00%		
Sodium	74	1,700	96,000.00	12,589.20	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	7	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)	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)	2	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
Zinc	215	25	1,390.00	65.40	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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