



Currituck 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	260	0.5	38	2.8	10	µg/L	8	3.08%		
Barium	239	50	50	50	2,000	µg/L	0	0.00%		
Benzene	Not Tested	0	0	0	5	µg/L	0	Not Tested		
Cadmium	239	0.5	5	0.6	5	µg/L	0	0.00%		
Chromium	239	0.5	10	4.9	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	1	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	260	25	680	37.3	1,300*	µg/L	0	0.00%		
Ethylbenzene	Not Tested	0	0	0	700	µg/L	0	Not Tested		
Fluoride	274	100	4,750.00	158.20	4,000*	µg/L	1	0.36%		
Iron	256	25	27,900.00	2,613.30	300*	µg/L	171	66.80%		
Isopropyl Ether	Not Tested	0	0	0	No drinking water standard	µg/L				
Lead	284	2.5	53	3.6	15	µg/L	9	3.17%		
Magnesium	260	600	600	600	No drinking water standard	µg/L				
Manganese	260	15	760	94.4	50*	µg/L	137	52.69%		

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	239	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	1	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	247	500	40,350.00	1,115.00	10,000	µg/L	0	0.00%		
Nitrite	257	50	50	50	1,000	µg/L	0	0.00%		
pH	259	4.7	8.3	6.88	6.5-8.5*	standard units	0	0.00%	78	30.12%
Selenium	240	2.5	13	2.6	50	µg/L	0	0.00%		
Silver	240	25	25	25	100*	µg/L	0	0.00%		
Sodium	238	500	471,000.00	20,570.20	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)	1	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	1	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	1	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	256	25	1,390.00	59.90	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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