



Columbus 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	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	597	0.5	46	1.7	10	µg/L	2	0.34%		
Barium	418	50	50	50	2,000	µg/L	0	0.00%		
Benzene	Not Tested	0	0	0	5	µg/L	0	Not Tested		
Cadmium	418	0.5	5	0.5	5	µg/L	0	0.00%		
Chromium	417	0.5	5	5	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	6	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	595	25	1,500.00	29.70	1,300*	µg/L	1	0.17%		
Ethylbenzene	Not Tested	0	0	0	700	µg/L	0	Not Tested		
Fluoride	1,997	100	6,060.00	483.80	4,000*	µg/L	17	0.85%		
Iron	593	25	6,090.00	315.00	300*	µg/L	101	17.03%		
Isopropyl Ether	Not Tested	0	0	0	No drinking water standard	µg/L				
Lead	618	2.5	41.5	2.9	15	µg/L	4	0.65%		
Magnesium	595	500	500	500	No drinking water standard	µg/L				
Manganese	595	15	5,960.00	34.60	50*	µg/L	57	9.58%		

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	402	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	6	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	599	500	10,180.00	558.90	10,000	µg/L	0	0.00%		
Nitrite	622	50	50	50	1,000	µg/L	0	0.00%		
pH	596	4.5	9.3	7.92	6.5-8.5*	standard units	89	14.93%	16	2.68%
Selenium	418	2.5	11	2.5	50	µg/L	0	0.00%		
Silver	418	25	25	25	100*	µg/L	0	0.00%		
Sodium	398	500	636,000.00	20,109.30	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	6	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)	6	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	6	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	6	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	592	25	8,470.00	71.10	5,000*	µg/L	1	0.17%		

* **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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