



Moore 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	1,165	0.5	204	2.9	10	µg/L	38	3.26%		
Barium	168	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	169	0.5	5	0.7	5	µg/L	0	0.00%		
Chromium	168	0.5	20	5.1	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	15	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	1,160	25	8,930.00	104.60	1,300*	µg/L	10	0.86%		
Ethylbenzene	4	0.25	0.25	0.25	700	µg/L	0	0.00%		
Fluoride	3,484	100	6,060.00	463.10	4,000*	µg/L	1	0.03%		
Iron	1,158	0	58,870.00	537.50	300*	µg/L	293	25.30%		
Isopropyl Ether	2	0.25	0.25	0.25	No drinking water standard	µg/L				
Lead	1,232	2.5	280	7	15	µg/L	116	9.42%		
Magnesium	1,160	2,300	2,500.00	2,400.40	No drinking water standard	µg/L				
Manganese	1,160	15	7,450.00	90.80	50*	µg/L	357	30.78%		

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	125	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	15	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	155	500	17,620.00	1,683.90	10,000	µg/L	0	0.00%		
Nitrite	157	50	50	50	1,000	µg/L	0	0.00%		
pH	1,161	3.4	12.2	6.7	6.5-8.5*	standard units	26	2.24%	502	43.24%
Selenium	168	2.5	12.1	2.6	50	µg/L	0	0.00%		
Silver	168	25	25	25	100*	µg/L	0	0.00%		
Sodium	107	1,000	210,000.00	15,432.70	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	13	0.25	0.25	0.25	5	µg/L	0	0.00%		
Toluene	4	0.25	0.25	0.25	1,000	µg/L	0	0.00%		
trans-1,2-Dichloroethene (t-DCE)	15	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	15	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	15	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	1,158	25	12,320.00	138.60	5,000*	µg/L	4	0.35%		

* **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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