



Graham 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	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	371	0.5	13.9	1.3	10	µg/L	2	0.54%		
Barium	117	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	118	0.5	2.5	0.5	5	µg/L	0	0.00%		
Chromium	117	5	10	5	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	3	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	371	25	3,240.00	54.10	1,300*	µg/L	1	0.27%		
Ethylbenzene	4	0.25	0.25	0.25	700	µg/L	0	0.00%		
Fluoride	382	100	4,670.00	180.30	4,000*	µg/L	1	0.26%		
Iron	371	25	20,700.00	525.20	300*	µg/L	86	23.18%		
Isopropyl Ether	2	0.25	0.25	0.25	No drinking water standard	µg/L				
Lead	375	2.5	28	3.2	15	µg/L	4	1.07%		
Magnesium	371	1,100	1,100.00	1,100.00	No drinking water standard	µg/L				
Manganese	371	15	6,140.00	74.50	50*	µg/L	76	20.49%		

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	95	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	3	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	97	500	7,320.00	683.60	10,000	µg/L	0	0.00%		
Nitrite	103	50	50	50	1,000	µg/L	0	0.00%		
pH	371	3.9	10.6	6.96	6.5-8.5*	standard units	4	1.08%	87	23.45%
Selenium	117	2.5	8	2.6	50	µg/L	0	0.00%		
Silver	117	25	25	25	100*	µg/L	0	0.00%		
Sodium	87	1,300	133,000.00	9,657.50	No drinking water standard	µg/L	0			
Tetrachloroethylene (PCE)	3	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)	3	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	3	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	3	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	371	25	2,370.00	60.80	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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