



Nash 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	16	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
1,2-Dichloropropane	16	0.25	0.25	0.25	5	µg/L	0	0.00%		
Arsenic	1,289	0.5	32	1.9	10	µg/L	26	2.02%		
Barium	431	50	50	50	2,000	µg/L	0	0.00%		
Benzene	18	0.25	0.25	0.25	5	µg/L	0	0.00%		
Cadmium	431	0.5	2.5	0.5	5	µg/L	0	0.00%		
Chromium	431	5	30	5.2	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	61	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	1,289	25	2,230.00	47.40	1,300*	µg/L	3	0.23%		
Ethylbenzene	24	0.25	0.25	0.25	700	µg/L	0	0.00%		
Fluoride	2,334	100	4,450.00	260.60	4,000*	µg/L	1	0.04%		
Iron	1,284	25	141,000.00	1,473.10	300*	µg/L	390	30.37%		
Isopropyl Ether	16	0.25	0.25	0.25	No drinking water standard	µg/L				
Lead	1,365	2.5	730	4.9	15	µg/L	55	4.03%		
Magnesium	1,289	2,500	2,600.00	2,535.90	No drinking water standard	µg/L				
Manganese	1,289	15	10,670.00	93.30	50*	µg/L	385	29.87%		

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	395	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	67	0.25	2	0.3022	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	979	500	45,020.00	2,120.60	10,000	µg/L	0	0.00%		
Nitrite	993	50	50	50	1,000	µg/L	0	0.00%		
pH	1,289	4.4	58	7.0553	6.5-8.5*	standard units	20	1.55%	247	19.16%
Selenium	431	2.5	11.7	2.5	50	µg/L	0	0.00%		
Silver	431	25	25	25	100*	µg/L	0	0.00%		
Sodium	369	1,000	500,000.00	18,161.50	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	59	0.25	0.25	0.25	5	µg/L	0	0.00%		
Toluene	26	0.25	6.3	0.97	1,000	µg/L	0	0.00%		
trans-1,2-Dichloroethene (t-DCE)	61	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	61	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	61	0.25	0.25	0.25	2	µg/L	0	0.00%		
Xylenes (Total)	18	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
Zinc	1,283	25	34,860.00	1,205.80	5,000*	µg/L	77	6.00%		

* **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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