



Henderson 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	18	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
1,2-Dichloropropane	18	0.25	0.25	0.25	5	µg/L	0	0.00%		
Arsenic	1,016	0	199	1.9	10	µg/L	4	0.39%		
Barium	215	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	219	0.5	7.7	0.6	5	µg/L	1	0.46%		
Chromium	216	5	30	5.1	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	32	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	1,016	0	15,000.00	309.70	1,300*	µg/L	50	4.92%		
Ethylbenzene	30	0.25	0.25	0.25	700	µg/L	0	0.00%		
Fluoride	1,445	100	6,580.00	452.70	4,000*	µg/L	6	0.42%		
Iron	1,009	0	113,600.00	487.70	300*	µg/L	136	13.48%		
Isopropyl Ether	18	0.25	0.25	0.25	No drinking water standard	µg/L				
Lead	1,044	0	2,000.00	10.20	15	µg/L	67	6.42%		
Magnesium	1,013	1,600	1,700.00	1,638.40	No drinking water standard	µg/L				
Manganese	1,013	0	3,280.00	26.90	50*	µg/L	61	6.02%		
Contaminant	Number of wells	Minimum	Maximum	Average	Maximum Contaminant	Units	Number of wells	Percentage of wells	Number of wells	Percentage of wells

	tested				<u>Level (MCL)</u> * Secondary MCL		tested above MCL	tested above MCL	below MCL	tested below MCL
Mercury	183	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	32	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	313	500	9,410.00	1,219.30	10,000	µg/L	0	0.00%		
Nitrite	326	50	50	50	1,000	µg/L	0	0.00%		
pH	1,011	4.6	11.1	6.77	6.5-8.5*	standard units	6	0.59%	336	33.23%
Selenium	215	2.5	2.5	2.5	50	µg/L	0	0.00%		
Silver	216	25	25	25	100*	µg/L	0	0.00%		
Sodium	153	1,000	251,000.00	14,664.10	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	30	0.25	0.25	0.25	5	µg/L	0	0.00%		
Toluene	20	0.25	0.25	0.25	1,000	µg/L	0	0.00%		
trans-1,2-Dichloroethene (t-DCE)	32	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	32	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	32	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	1,009	0	23,000.00	319.80	5,000*	µg/L	10	0.99%		

* **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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