



Jackson 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	4	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
1,2-Dichloropropane	4	0.25	0.25	0.25	5	µg/L	0	0.00%		
Arsenic	1,920	0.5	5	1.2	10	µg/L	0	0.00%		
Barium	597	50	50	50	2,000	µg/L	0	0.00%		
Benzene	4	0.25	0.25	0.25	5	µg/L	0	0.00%		
Cadmium	609	0.5	5	0.6	5	µg/L	0	0.00%		
Chromium	605	0.5	50	5.2	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	12	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	1,927	25	9,400.00	105.90	1,300*	µg/L	25	1.30%		
Ethylbenzene	8	0.25	0.25	0.25	700	µg/L	0	0.00%		
Fluoride	1,974	100	6,000.00	166.50	4,000*	µg/L	2	0.10%		
Iron	1,911	20	330,000.00	681.50	300*	µg/L	386	20.20%		
Isopropyl Ether	4	0.25	0.25	0.25	No drinking water standard	µg/L	0			
Lead	1,951	2.5	386	4.6	15	µg/L	59	3.02%		
Magnesium	1,920	1,800	10,100.00	2,479.70	No drinking water standard	µg/L	0			
Manganese	1,920	15	26,290.00	55.50	50*	µg/L	167	8.70%		

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	551	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	14	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	191	500	2,000.00	526.40	10,000	µg/L	0	0.00%		
Nitrite	197	50	50	50	1,000	µg/L	0	0.00%		
pH	1,920	4.4	10.6	6.99	6.5-8.5*	standard units	47	2.45%	399	20.78%
Selenium	599	2.5	8	2.5	50	µg/L	0	0.00%		
Silver	595	25	25	25	100*	µg/L	0	0.00%		
Sodium	195	1,600	1,646,000.00	29,426.70	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	8	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)	12	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	12	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	12	0.25	0.25	0.25	2	µg/L	0	0.00%		
Xylenes (Total)	4	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
Zinc	1,912	25	35,000.00	632.10	5,000*	µg/L	76	3.98%		

* **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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