

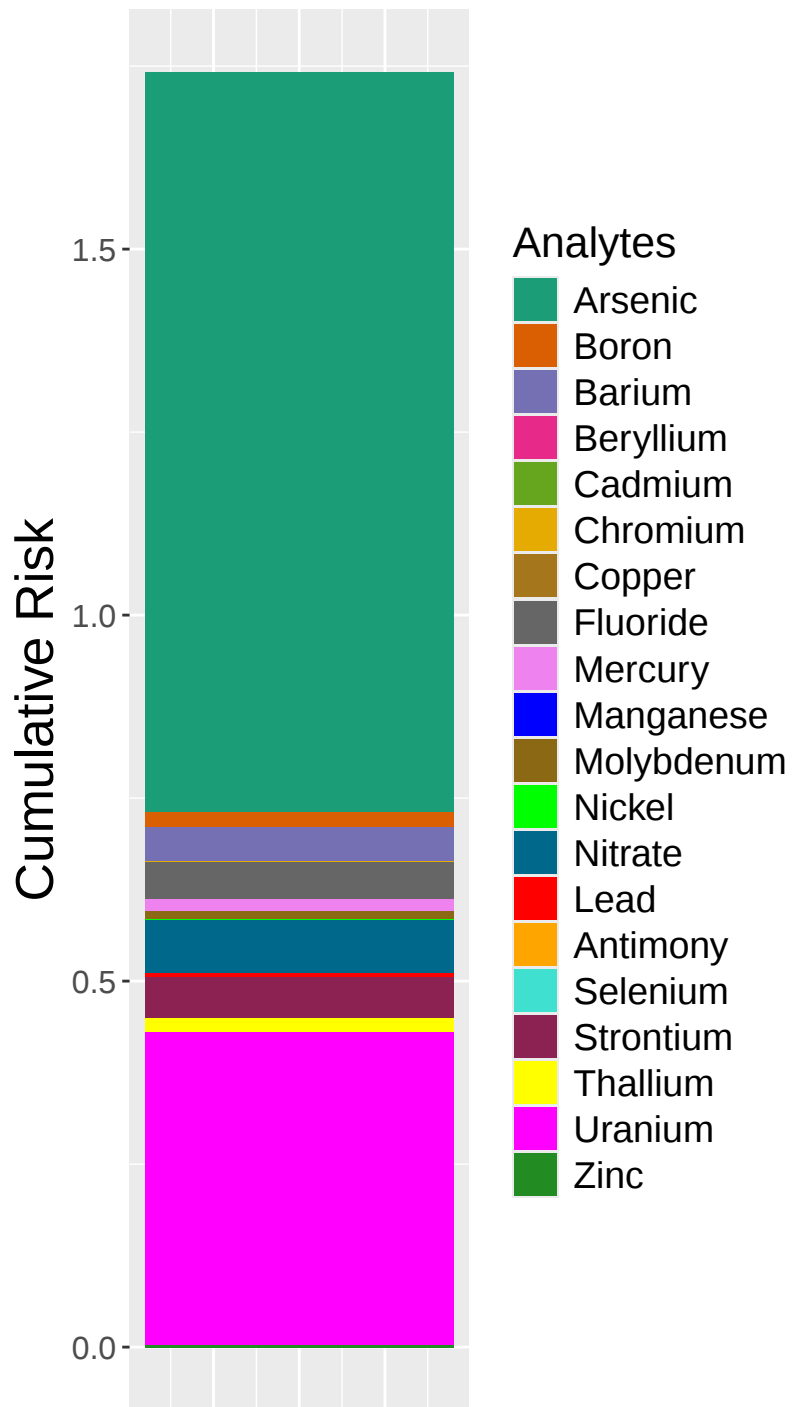
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The contaminants below are ranked in order of health concern, with the most important to test for at the top of the list.

The “Threshold” is the most conservatively health protective concentration, above which health risks exist for lifetime consumption. The hazard quotient (HQ), is the most common (median) contaminant concentration for the watershed, divided by the health threshold. The higher the HQ, the higher the health risk and values greater than 1 are considered unacceptable for lifetime consumption. The Cumulative Health Risk is all the HQs added together; values greater than 1 indicate health risks for long-term consumption by sensitive groups, including children, elderly, pregnant women, and those with chronic health conditions.

Cumulative Risk: 1.74

Rank	Analyte	Threshold (µg/L)	HQ
1	Arsenic	0.5	1.01100
2	Uranium	3.0	0.42667
3	Nitrate	10.0	0.07330
4	Strontium	4000.0	0.05550
5	Fluoride	4.0	0.05000
6	Barium	1300.0	0.04615
7	Thallium	0.5	0.02000
8	Boron	1000.0	0.01920
9	Mercury	2.0	0.01625
10	Molybdenum	40.0	0.01125
11	Lead	1.0	0.00500
12	Zinc	2000.0	0.00294
13	Beryllium	4.0	0.00125
14	Manganese	0.1	0.00100
15	Copper	1300.0	0.00079
16	Cadmium	5.0	0.00020
17	Antimony	6.0	0.00017
18	Chromium	50.0	0.00010
19	Nickel	100.0	0.00010
20	Selenium	50.0	0.00010



These results are based on data from the Montana Bureau of Mines and Geology, Groundwater Information Center Database, as of August 24, 2022