

Well Educated

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: 0.38

Rank	Analyte	Threshold (µg/L)	HQ
1	Uranium	3.0	0.16857
2	Strontium	4000.0	0.04020
3	Nickel	100.0	0.03770
4	Barium	1300.0	0.02947
5	Fluoride	4.0	0.02687
6	Nitrate	10.0	0.02030
7	Thallium	0.5	0.02000
8	Mercury	2.0	0.01000
9	Chromium	50.0	0.00972
10	Lead	1.0	0.00500
11	Zinc	2000.0	0.00300
12	Arsenic	0.5	0.00200
13	Beryllium	4.0	0.00125
14	Manganese	0.1	0.00100
15	Molybdenum	40.0	0.00025
16	Cadmium	5.0	0.00020
17	Antimony	6.0	0.00017
18	Selenium	50.0	0.00010
19	Boron	1000.0	0.00008
20	Copper	1300.0	0.00000

