

Contaminant	Units	Legal Limit	This Utility	WHS Health Guideline	Above Health Guidelines	Possible Source
Arsenic	ppb	10 ppb	2.75	0.004 ppb	687x	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Chromium (hexavalent)	ppb	NO LEGAL LIMIT	0.211 ppb	0.02 ppb	11x	industrial pollution or natural occurrences in mineral deposits and groundwater.
Nitrate	ppm	10 ppm	.877 ppm	0.14 ppm	6.3x	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrate and nitrite	ppb	10 ppm	.938 ppm	0.14 ppm	6.7x	Nitrate and nitrite enter water from fertilizer runoff, septic tanks and urban runoff.
Radium, combined (-226 & -228)	pCi/L	5 pCi/L	.57 pCi/L	0.05 pCi/L	11x	Erosion of natural deposits
Barium	ppb	2,000 ppb	227.1 ppb	700 ppb		Erosion of natural deposits; Discharge of drilling waste; Discharge from metal refineries
Fluoride	ppm	4 ppm	.033333 ppm	NO WHS HEALTH GUIDELINE		Fluoride occurs naturally in surface and groundwater and is also added to drinking water by many water systems.
Manganese	ppb	NO LEGAL LIMIT	.100 ppb	100 ppb		Manganese is a naturally occurring element. Excessive manganese exposures may impair children's attention, memory and intellectual capacity
Chromium (total)	ppb	100 ppb	0.132 ppb	NO WHG HEALTH GUIDELINE		Chromium is a naturally occurring metal, but industrial uses can elevate its levels in water.
Strontium	ppb	NO LEGAL LIMIT	0.0758ppb	1,500 ppb		Strontium is a metal that accumulates in the bones.
Xylenes (total)	ppb	10,000 ppb	0.0683 ppb	1,800 ppb		Xylenes are solvents used in industrial and consumer products, such as cleaning agents and paint thinners. Xylenes cause nervous system damage and may harm developing fetuses.
Uranium	Pci/L	20 Pci/L	0.36 pCi/L	0.43 pCi/L		Uranium is a known human carcinogen that is naturally forming in the ground
Vanadium	ppb	NO LEGAL LIMIT	0.227 ppb	21 ppb		Vanadium is a metal used in steels and other alloys.
PFOA	ppt	Currently, PFOA / PFOS are not required to be monitored in public drinking water systems in Idaho State.				synthetic chemical used to make products resistant to stains, grease, soil, and water.
PFOS	ppt					used in non-stick and stain-resistant consumer products, food packaging, firefighting foam, and industrial processes

\* pfoa / pfas EPA proposed Limits: information can be found at [https://www.epa.gov/system/files/documents/2023-03/Pre-Publication%20Federal%20Register%20Notice\\_PFAS%20NPDWR\\_NPRM\\_Final\\_3.13.23.pdf](https://www.epa.gov/system/files/documents/2023-03/Pre-Publication%20Federal%20Register%20Notice_PFAS%20NPDWR_NPRM_Final_3.13.23.pdf)