



WATER CONTAMINANTS IN LIBERTY LAKE, WASHINGTON

CONTAMINANT	THIS UTILITY	EWG'S GUIDELINES	LEGAL LIMIT	POTENTIAL HARM	POSSIBLE SOURCE
Arsenic	1.85 ppb	0.004 ppb	10 ppb	cancer	erosion of natural deposits
Nitrate	0.842 ppm	0.14 ppm	10 ppm	cancer	erosion of natural deposits
Nitrate & nitrite	0.827 ppm	0.14 ppm	10 ppm	cancer	erosion of natural deposits
Radium, combined (-226 & -228)	0.32 pCi/L	0.05 pCi/L	5 pCi/L	cancer	erosion of natural deposits
Total trihalomethanes (TTHMs)	1.21 ppb	0.15 ppb	80 ppb	cancer	disinfectant byproduct
Barium	30.7 ppb	700 ppb	2,000 ppb	gastrointestinal issues	erosion of natural deposits
Chloroform	0.173 ppb	0.4 ppb	NO LEGAL LIMIT	kidney & liver damage	wastewater plants
Di(2-ethylhexyl) phthalate	0.457 ppb	3 ppb	6 ppb	reproductive harm	runoff from landfills
Fluoride	0.0365 ppm	NO GUIDELINE	4 ppm	skeletal system harm	groundwater
Manganese	0.381 ppb	100 ppb	NO LEGAL LIMIT	nervous system harm	groundwater
Mercury (inorganic)	0.0167 ppb	1.2 ppb	2 ppb	nervous system harm	runoff from landfills