



WATER CONTAMINANTS IN RITZVILLE, WASHINGTON

CONTAMINANT	THIS UTILITY	EWG'S GUIDELINES	LEGAL LIMIT	POTENTIAL HARM	POSSIBLE SOURCE
Bromodichloromethane	0.301 ppb	0.06 ppb	NO LEGAL LIMIT	cancer	disinfectant byproduct
Dibromoacetic acid	0.321 ppb	0.04 ppb	NO LEGAL LIMIT	cancer	erosion of natural deposits
Dibromochloromethane	0.351 ppb	0.01 ppb	NO LEGAL LIMIT	cancer	runoff from landfills
Haloacetic acids (HAA5)	0.321 ppb	0.06 ppb	60 ppb	cancer	disinfectant byproduct
Nitrate	1.02 ppm	0.14 ppm	10 ppm	cancer	erosion of natural deposits
Nitrate & nitrite	1.21 ppm	0.14 ppm	10 ppm	cancer	erosion of natural deposits
Radium, combined (-226 & -228)	0.18 pCi/L	0.05 pCi/L	5 pCi/L	cancer	erosion of natural deposits
Total trihalomethanes (TTHMs)	1.94 ppb	0.15 ppb	80 ppb	cancer	disinfectant byproduct
Barium	15.0 ppb	700 ppb	2,000 ppb	gastrointestinal issues	erosion of natural deposits
Bromoform	0.631 ppb	0.5 ppb	NO LEGAL LIMIT	unconsciousness	erosion of natural deposits
Chloroform	0.0381 ppb	0.4 ppb	NO LEGAL LIMIT	kidney & liver damage	wastewater plants
Chloromethane	0.760 ppb	2.69 ppb	NO LEGAL LIMIT	nausea and dizziness	industrial waste
cis-1,2-Dichloroethylene	2.30 ppb	NO GUIDELINE	70 ppb	nervous system damage	disinfectant byproduct
Fluoride	1.08 ppm	NO GUIDELINE	4 ppm	skeletal system harm	groundwater
Manganese	12.7 ppb	100 ppb	NO LEGAL LIMIT	nervous system damage	groundwater