



WATER CONTAMINANTS IN NEWPORT, WASHINGTON

CONTAMINANT	THIS UTILITY	EWG'S GUIDELINES	LEGAL LIMIT	POTENTIAL HARM	POSSIBLE SOURCE
Arsenic	12.5 ppb	0.004 ppb	10 ppb	cancer	erosion of natural deposits
Bromochloroacetic acid	0.159 ppb	0.02 ppb	NO LEGAL LIMIT	cancer	disinfectant byproduct
Diboromoacetic acid	0.384 ppb	0.04 ppb	NO LEGAL LIMIT	cancer	disinfectant byproduct
Dibromochloromethane	0.627 ppb	0.01 ppb	NO LEGAL LIMIT	cancer	runoff from landfills
Haloacetic acids (HAA5)	0.384 ppb	0.1 ppb	60 ppb	cancer	disinfectant byproduct
Nitrate	1.84 ppm	0.14 ppm	10 ppm	cancer	erosion of natural deposits
Nitrate & nitrite	1.76 ppm	0.14 ppm	10 ppm	cancer	erosion of natural deposits
Radium, combined (-226 & -228)	0.50 pCi/L	0.05 pCi/L	5 pCi/L	cancer	erosion of natural deposits
Total trihalomethanes (TTHMs)	3.04 ppb	0.15 ppb	80 ppb	cancer	disinfectant byproduct
1,2,4-Trimethylbenzene	0.526 ppb	NO GUIDELINE	NO LEGAL LIMIT	central nervous system harm	groundwater
1,3,5-Trimethylbenzene	0.173 ppb	NO GUIDELINE	NO LEGAL LIMIT	central nervous system harm	groundwater
Barium	84.5 ppb	700 ppb	2,000 ppb	circulatory system damage	groundwater
Bromoform	0.329 ppb	0.5 ppb	NO LEGAL LIMIT	unconsciousness	erosion of natural deposits
Chlorodifluoromethane	0.0142 ppb	NO GUIDELINE	NO LEGAL LIMIT	cardiovascular issues	disinfectant byproduct
Chloroform	0.304 ppb	0.4 ppb	NO LEGAL LIMIT	kidney & liver damage	wastewater plants
Chromium (total)	0.625 ppb	NO GUIDELINE	100 ppb	reproductive harm	erosion of natural deposits
Di-n-butyl phthalate	0.291 ppb	NO GUIDELINE	NO LEGAL LIMIT	reproductive harm	erosion of natural deposits
Ethylbenzene	0.0863 ppb	300 ppb	700 ppb	cancer	runoff from landfills
Fluoride	0.0268 ppm	NO GUIDELINE	4 ppm	skeletal system harm	groundwater
Manganese	121.8 ppb	100 ppb	NO LEGAL LIMIT	reproductive harm	groundwater
Toluene	0.355 ppb	150 ppb	1,000 ppb	nausea and confusion	groundwater
Xylenes (total)	1.59 ppb	1,800 ppb	10,000 ppb	cognitive harm	groundwater