

Eugene Water & Electric Board 2017 Water Testing Results

Samples collected at the outlet of the Hayden Bridge Water Filtration Plant unless otherwise noted.
Results in mg/L unless otherwise noted.

Parameter	EPA Standard	Average Result	Range
PRIMARY STANDARDS			
INORGANIC CHEMICALS			
Barium	2	0.0017	0.0017 - 0.0018
RADIOLOGICALS			
Combined Radium (pCi/L)	5	-----	ND - 0.19
DISINFECTION BY-PRODUCTS*			
Total Trihalomethanes (µg/L)	80	24.9	17.2 - 33.7
Haloacetic Acids (µg/L)	60	21.3	11.4 - 34.4
MICROORGANISMS			
Turbidity (NTU)	0.3	0.020	0.012 - 0.095
SECONDARY STANDARDS & ADDITIONAL PARAMETERS			
Alkalinity	No Limit	24	20 - 26
Aluminum	0.05-0.2	0.015	ND - 0.024
Calcium	No Limit	4.0	3.6 - 4.3
Chloride	250	2.3	2.2 - 2.5
Chlorine	4	0.69	0.64 - 0.75
Conductivity (µs)	No Limit	57	46 - 67
Copper	1.0	ND	ND - 0.006
Hardness	250	17	15 - 18
Heterotrophic Bacteria (CFU)	500	1	0 - 46
Magnesium	No Limit	1.7	1.4 - 1.8
pH (pH Units)	6.5 - 8.5**	7.9	7.8 - 8.0
Silica	No Limit	21.3	17.6 - 24.7
Sodium	No Limit	6.3	5.9 - 6.7
Sulfate	250	3.4	2.8 - 3.9
Total Dissolved Solids	500	53	45 - 63
Total Organic Carbon	No Limit	0.38	0.25 - 0.56
Total Solids	No Limit	51	41 - 62

ND means Not Detected

* Samples collected throughout Eugene's water distribution system.

** EWEB is required by the Oregon Health Authority to produce water with a pH greater than 7.6.

Primary Standards:

The United States Environmental Protection Agency sets and regulates primary drinking water standards. National Primary Drinking Water Regulations (NPDWRs or primary standards) are legally enforceable standards that apply to public water systems. Primary standards protect public health by limiting the levels of contaminants in drinking water.

<http://www.epa.gov/your-drinking-water/table-regulated-drinking-water-contaminants>

Secondary Standards:

National Secondary Drinking Water Regulations (NSDWRs or secondary standards) are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water.

<http://www.epa.gov/dwstandardsregulations/secondary-drinking-water-standards-guidance-nuisance-chemicals>

In 2017 the following contaminants were monitored for but not detected in EWEB's water.

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1,1,1,2-Tetrachloroethane	Cadmium	Metolachlor
1,1,1-Trichloroethane	Carbaryl	Metribuzin
1,1,2,2-Tetrachloroethane	Carbofuran	Monochlorobenzene
1,1,2-Trichloroethane	Carbon tetrachloride	Nickel
1,1-Dichloroethane	Chlordane	Nitrate Nitrogen
1,1-Dichloroethylene	Chloroethane	Nitrite Nitrogen
1,1-Dichloropropene	Chloromethane	Nitrogen, Nitrate-Nitrite
1,2,3-Trichloropropane	Chromium	o-Chlorotoluene
1,2,4-Trichlorobenzene	cis-1,2-Dichloroethene	o-Dichlorobenzene
1,2-Dibromo-3-chloropropane	Color	Oxamyl (Vydate)
1,2-Dibromoethane	Cyanide	p-Chlorotoluene
1,2-Dichloroethane	Dalapon	p-Dichlorobenzene
1,2-Dichloropropane	Dibromochloromethane	Pentachlorophenol
1,3-Dichloropropane	Dibromomethane	Picloram
1,3-Dichloropropene	Dicamba	Polychlorinated Biphenyls (PCBs)
2,2-Dichloropropane	Dichloromethane	Propachlor
2,4,5-TP (Silvex)	Dieldrin	Selenium
2,4-D	Dinoseb	Silver
3-Hydroxycarbofuran	Diquat	Simazine
Alachlor	Endothall	Styrene
Aldicarb	Endrin	Tetrachloroethene
Aldicarb sulfone	Ethylbenzene	Thallium
Aldicarb sulfoxide	Fluoride	Toluene
Aldrin	gamma-BHC (Lindane)	Toxaphene
Antimony	Glyphosate	trans-1,2-Dichloroethylene
Asbestos*	Heptachlor	Trichloroethene
Atrazine	Heptachlor epoxide	Vinyl chloride
Baygon	Hexachlorobenzene	Xylenes, Total
Benzene	Hexachlorocyclopentadiene	Zinc
Benzo(a)pyrene	Iron	Radiologicals:
Beryllium	Lead	Gross Alpha
bis(2-Ethylhexyl)adipate	Manganese	Gross Beta
bis(2-ethylhexyl)phthalate	m-Dichlorobenzene	Uranium
Bromobenzene	Mercury	Microbiological:
Bromoform	Methomyl	Total Coliform*
Bromomethane	Methoxychlor	E. coli*
Butachlor	Methyl tert-butyl ether	Cryptosporidium**

*Collected from the Distribution System throughout Eugene

** Collected from the McKenzie River at the Water Filtration Plant