

Eugene Water & Electric Board 2015 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	0.0018	0.0016 - 0.0019
Copper*	1.3	0.044	0.006 - 0.115
Lead* (µg/L)	15	1.7	0.1 - 6.5
DISINFECTION BY-PRODUCTS*			
Total Trihalomethanes (µg/L)	80	25.2	14.2 - 43.7
Haloacetic Acids (µg/L)	60	18.8	9.8 - 35.6
MICROORGANISMS			
Turbidity (NTU)	0.3	0.021	0.010 - 0.074
SECONDARY STANDARDS & ADDITIONAL PARAMETERS			
Alkalinity	No Limit	25	22 - 27
Aluminum	0.05-0.2	0.023	0.015 - 0.035
Calcium	No Limit	4.4	3.8 - 4.9
Chloride	250	2.6	2.2 - 2.9
Chlorine	4	0.66	0.59 - 0.85
Conductivity (µs)	No Limit	71	64 - 84
Hardness	250	19	15 - 21
Heterotrophic Bacteria (CFU)	500	0	0 - 2
Iron	0.3	0.036	ND - 0.122
Magnesium	No Limit	1.8	1.4 - 2.1
Manganese	0.05	0.006	ND - 0.0217
pH (pH Units)	6.5 - 8.5**	7.9	7.6 - 8.3
Silica	No Limit	21.6	19.7 - 24.1
Sodium	No Limit	6.4	5.6 - 7.6
Sulfate	250	3.9	3.7 - 4.1
Total Dissolved Solids	500	50	39 - 58
Total Organic Carbon	No Limit	0.45	0.31 - 0.85
Total Solids	No Limit	58	52 - 64

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 2015 the following contaminants were monitored for but not detected in EWEB's water.

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