

Eugene Water & Electric Board 2014 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	0.0016	0.0015 - 0.0018
RADIOLOGICALS			
Gross Beta Particle (pCi/L)	50	3.8	-----
DISINFECTION BY-PRODUCTS*			
Total Trihalomethanes (ug/L)	80	27.2	13.4 - 42.5
Haloacetic Acids (ug/L)	60	28.0	13.6- 45.7
MICROORGANISMS			
Total Coliforms*	5% per month	0%	0% - 0.58%**
Turbidity (NTU)	0.3	0.020	0.013 - 0.091
SECONDARY STANDARDS & ADDITIONAL PARAMETERS			
Alkalinity	No Limit	23	18 - 26
Aluminum	0.05-0.2	0.026	0.013 - 0.034
Calcium	No Limit	4.0	3.5 - 4.4
Chloride	250	2.4	2.1 - 2.5
Chlorine	4	0.67	0.63 - 0.94
Conductivity (µs)	No Limit	59	47 - 68
Hardness	250	17	14 - 19
Heterotrophic Bacteria (CFU)	500	0	0 - 7
Magnesium	No Limit	1.7	1.3 - 1.9
pH (pH Units)	6.5 - 8.5***	7.9	7.8 - 8.1
Silica	No Limit	20.1	16.9 - 21.2
Sodium	No Limit	5.6	4.9 - 6.1
Sulfate	250	3.4	2.8 - 4.1
Total Dissolved Solids	500	43	38 - 51
Total Organic Carbon	No Limit	0.46	0.34 - 0.61
Total Solids	No Limit	56	53 - 64

* Samples collected throughout Eugene's water distribution system.

** 0.58% equals 1 sample out of 172 in the month of August, all other months were 0%.

*** 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://water.epa.gov/drink/contaminants/index.cfm#Primary>)

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://water.epa.gov/drink/contaminants/index.cfm#Secondary>)

In 2014 the following contaminants were monitored for but not detected in EWEB's water.

1,1,1,2-Tetrachloroethane	Butachlor	Mercury
1,1,1-Trichloroethane	Cadmium	Methiocarb
1,1,2,2-Tetrachloroethane	Carbaryl	Methomyl
1,1,2-Trichloroethane	Carbofuran	Methoxychlor
1,1-Dichloroethane	Carbon tetrachloride	Methyl tert-butyl ether
1,1-Dichloroethylene	Chlordane	Metolachlor
1,1-Dichloropropene	Chloroethane	Metribuzin
1,2,3-Trichloropropane	Chloromethane	Monochlorobenzene
1,2,4-Trichlorobenzene	Chromium	Nickel
1,2-Dibromo-3-chloropropane	cis-1,2-Dichloroethene	Nitrate Nitrogen
1,2-Dibromoethane	Color	Nitrite Nitrogen
1,2-Dichloroethane	Copper	Nitrogen, Nitrate-Nitrite
1,2-Dichloropropane	Cyanide	o-Chlorotoluene
1,3-Dichloropropane	Dalapon	o-Dichlorobenzene
1,3-Dichloropropene	Dibromochloromethane	Odor
2,2-Dichloropropane	Dibromomethane	Oxamyl (Vydate)
2,4,5-TP (Silvex)	Dicamba	p-Chlorotoluene
2,4-D	Dichloromethane	p-Dichlorobenzene
3-Hydroxycarbofuran	Dieldrin	Pentachlorophenol
Alachlor	Dinoseb	Picloram
Aldicarb	Diquat	Polychlorinated Biphenyls (PCBs)
Aldicarb sulfone	E.coli	Propachlor
Aldicarb sulfoxide	Endothall	Radium 226,228 Combined
Aldrin	Endrin	Selenium
Antimony	Ethylbenzene	Silver
Arsenic	Fluoride	Simazine
Asbestos	gamma-BHC (Lindane)	Styrene
Atrazine	Glyphosate	Tetrachloroethene
Baygon	Gross Alpha Particles	Thallium
Benzene	Heptachlor	Toluene
Benzo(a)pyrene	Heptachlor epoxide	Toxaphene
Beryllium	Hexachlorobenzene	trans-1,2-Dichloroethylene
bis(2-Ethylhexyl)adipate	Hexachlorocyclopentadiene	Trichloroethene
bis(2-ethylhexyl)phthalate	Iron	Uranium Combined
Bromobenzene	Manganese	Vinyl chloride
Bromoform	MBAS	Xylenes, Total
Bromomethane	m-Dichlorobenzene	Zinc