Eugene Water & Electric Board
2013 Water Testing Results

Results in mg/L unless otherwise specified

Parameter	EPA Limit	Average Result
PRIMARY STANDARDS		
INORGANIC CHEMICALS		
Barium	2	0.0018
Beryllium	0.004	0.0003
DISINFECTION BY-PRODUCTS		
Total Trihalomethanes (ug/L)	80	26.1
Haloacetic Acids (ug/L)	60	20.2
MICROORGANISMS		
Total Coliforms	5% per month	0%
Turbidity (NTU)	0.3	0.021
SECONDARY STANDARDS & ADDITIONAL PARAMETERS		
Alkalinity	No Limit	24
Aluminum	0.05-0.2	0.023
Calcium	No Limit	4.1
Chloride	250	2.4
Chlorine	4	0.46
Conductivity (µs)	No Limit	63
Copper	1	0.0004
Hardness	250	17
Heterotrophic Bacteria (CFU)	500	5
Iron	0.3	0.02
Magnesium	No Limit	1.7
Odor	3 TON	1.2
pH (pH Units)	6.5 - 8.5	7.9
Silica	No Limit	20.4
Sodium	No Limit	5.9
Sulfate	250	4.3
Total Dissolved Solids	500	52
Total Organic Carbon	No Limit	0.55
Total Solids	No Limit	53
UNREGULATED CONTAMINANT MONITORING		
Chromium-6 (ug/L)	No Limit	0.10
Strontium (ug/L)	No Limit	26
Vanadium (ug/L)	No Limit	4.6

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)

Unregulated Contaminant Monitoring:
EPA uses these results to collect data for contaminants that are suspected to be present in drinking water, but that do not have health-based standards currently set. (http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/ucmr3/index.cfm)
Low levels of Hexavalent chromium or Chromium-6, were found in EWEB's water. These low-level detections were consistent throughout the McKenzie watershed. Chromium-6 is present due to the geological composition of the watershed, and is common in volcanic-origin soils such as the Cascade Mountains. If you have questions call 541-341-8500, option 2.

In 2013 the following contaminants were monitored for but not detected in EWEB's water.

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

2013 Special Unregulated Contaminant Monitoring
1,2,3-trichloropropane
1,3-butadiene
chloromethane (methyl chloride)
1,1-dichloroethane
bromomethane (methyl bromide)
chlorodifluoromethane (HCFC-22)
bromochloromethane (halon 1011)
1,4-dioxane
molybdenum
cobalt
chlorate
perfluorooctane sulfonate (PFOS)
perfluorooctanoic acid (PFOA)
perfluorononanoic acid (PFNA)
perfluorohexane sulfonic acid (PFHxS)
perfluoroheptanoic acid (PFHpA)
perfluorobutane sulfonic acid (PFBS)
17-β-estradiol
17-α-ethynylestradiol (ethinyl estradiol)
16-α-hydroxyestradiol (estriol)
equilin
estrone
testosterone
4-androstene-3,17-dione