Eugene Water & Electric Board
2011 Water Testing Results

Values are measured in milligrams per liter (parts per million) unless otherwise noted.

Primary Standards	MCL	Test Results
INORGANIC CHEMICALS		
ANTIMONY	0.006	Not Detected
ARSENIC	0.05	Not Detected
BARIUM	2	Not Detected
BERYLLIUM	0.004	Not Detected
CADMIUM	0.005	Not Detected
CHROMIUM	0.1	Not Detected
COPPER	1.3	Not Detected
CYANIDE	0.2	Not Detected
FLUORIDE	4	0.115
LEAD	0.015	Not Detected
MERCURY	0.002	Not Detected
NICKEL	0.1	Not Detected
NITRATE	10	Not Detected
NITRITE	1	Not Detected
NITRATE + NITRITE	10	Not Detected
SELENIUM	0.05	Not Detected
THALLIUM	0.002	Not Detected

Primary Standards	MCL	Test Results
SYNTHETIC ORGANIC CHEMICALS		
2,4,5-TP (Silvex)	0.05	Not Detected
2,4-D	0.07	Not Detected
ALACHLOR (Lasso)	0.002	Not Detected
ALDICARB	0.003	Not Detected
ALDICARB SULFONE	0.003	Not Detected
ALDICARB SULFOXIDE	0.004	Not Detected
ATRAZINE	0.003	Not Detected
CARBOFURAN	0.04	Not Detected
CHLORDANE	0.002	Not Detected
DALAPON	0.2	Not Detected
DI (2-ethylexyl) ADIPATES	0.4	Not Detected
DIBROMOCHLOROPROPANE (DBCP)	0.0002	Not Detected
DIETHYLHEXYL PHTHALATE	0.006	Not Detected
DINOSEB	0.007	Not Detected
DIQUAT	0.02	Not Detected
ENDOTHALL	0.1	Not Detected
ENDRIN	0.002	Not Detected
ETHYLENE DIBROMIDE (EDB)	0.00005	Not Detected
GLYPHOSATE	0.7	Not Detected
HEPTACHLOR	0.0004	Not Detected
HEPTACHLOR EPOXIDE	0.0002	Not Detected
HEXACHLOROBENZENE	0.001	Not Detected
HEXACHLOROCYCLOPENTADIENE	0.05	Not Detected
LINDANE	0.0002	Not Detected
METHOXYCHLOR	0.04	Not Detected
OXAMYL (Vydate)	0.2	Not Detected
PAHs (Benzo(a)Pyrene)	0.0002	Not Detected
PCBs (Polychlorinated Biphenyls)	0.0005	Not Detected
PENTACHLOROPHENOL	0.001	Not Detected
PICLORAM	0.5	Not Detected
SIMAZINE	0.004	Not Detected
TOXAPHENE	0.003	Not Detected

Primary Standards	MCL	Test Results
VOLATILE ORGANIC CHEMICALS		
1,1,1-TRICHLOROETHANE	0.2	Not Detected
1,1,2-TRICHLOROETHANE	0.005	Not Detected
1,1-DICHLOROETHYLENE	0.007	Not Detected
1,2,4-TRICHLOROBENZENE	0.07	Not Detected
1,2-DICHLOROETHANE	0.005	Not Detected
1,2-DICHLOROPROPANE	0.005	Not Detected
BENZENE	0.005	Not Detected
CARBON TETRACHLORIDE	0.005	Not Detected
CHLOROBENZENE	0.1	Not Detected
CIS-1,2-DICHLOROETHYLENE	0.07	Not Detected
DICHLOROMETHANE	0.005	Not Detected
ETHYLBENZENE	0.7	Not Detected
o-DICHLOROBENZENE	0.6	Not Detected
p-DICHLOROBENZENE	0.075	Not Detected
STYRENE	0.1	Not Detected
TETRACHLOROETHYLENE	0.005	Not Detected
TOLUENE	1	Not Detected
TRANS-1,2-DICHLOROETHYLENE	0.1	Not Detected
TRICHLOROETHYLENE	0.005	Not Detected
VINYL CHLORIDE	0.002	Not Detected
TOTAL XYLENES	10	Not Detected

DISINFECTION BY-PRODUCTS		
TOTAL TRIHALOMETHANES	0.08	0.023
HALOACETIC ACIDS	0.06	0.022

MICROORGANISMS		
TOTAL COLIFORMS	5% per month	Absent (0%)
E. COLI	Absent	Absent
HETEROTROPHIC BACTERIA	500 CFU	11
TURBIDITY	0.3 NTU	0.020

MCL: The highest level of a contaminant that is allowed in drinking water.

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)

EWEB

Eugene Water & Electric Board
Water Quality Laboratory
3957 Hayden Bridge Road
Springfield, OR 97477
541-341-8500 Option 2

Average Values of Finished Water Analyses from 2011

2011 Water Testing Results (continued)

Values are measured in milligrams per liter (parts per million) unless otherwise noted.

Secondary Standards	Secondary Limit	Test Results
SECONDARY CONTAMINANTS		
ALKALINITY	No Limit	24
ALUMINUM	0.05-0.2	Not Detected
HETEROTROPHIC BACTERIA	500 (CFU)	11
CALCIUM	No Limit	3.6
CHLORIDE	250	2.5
COLOR	15 (Color Units)	Not Detected
CONDUCTIVITY	No Limit (µs)	65
CORROSIVITY	Noncorrosive (SI Units)	-3.2
HARDNESS	250	13
IRON	0.3	Not Detected
MANGANESE	0.05	Not Detected
MBAS	No Limit	Not Detected
ODOR	3 TON	2.8
pH	6.5 - 8.5 (pH Units)	7.9
SILICA	No Limit	17.9
SILVER	0.10	Not Detected
SODIUM	No Limit	6.0
SULFATE	250	4.3
TOTAL DISSOLVED SOLIDS	500	36
TOTAL SOLIDS	No Limit	44
TOTAL ORGANIC CARBON	No Limit	0.51
ZINC	5	Not Detected

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)

Q & A

"Where Does My Water Come From?"

Beginning high in the Cascades, mountain springs and melting snow combine to create the McKenzie River. At Hayden Bridge, EWEB pumps water from the McKenzie River to the filtration plant. After the water goes through a full treatment process, it travels through the distribution system to your tap.

"Why is Chlorine Added to My Drinking Water?"

Chlorine is added to kill any bacteria, viruses, and some protozoans that may be present. Federal law requires a trace of chlorine in the water to ensure its purity as it travels from the filtration plant to your tap. If you wish, you can remove the chlorine by setting a pitcher of water in the refrigerator. Chlorine is a dissolved gas and will dissipate into the air quickly.

"Is My Water Hard or Soft?"

The hardness of water is determined by the mineral content.
EWEB's water is considered very soft, but contains small amounts of some minerals.

"How is My Water Tested and Who Tests it?"

To ensure that the treatment process provides the highest quality water, more than 100,000 tests and checks are done each year by EWEB technicians and independent laboratories. The results: EWEB's water quality is much better than required compared to standards set by the Federal Environmental Protection Agency and the Oregon Health Division.

"Should I Install a Home Water Treatment Device?"

The water delivered to your tap is better than all federal and state drinking water requirements and does not need additional treatment. Installing a home water device is a personal decision. Before purchasing a device, review the water quality report to determine which detectable compounds you want to eliminate.
(http://water.epa.gov/drink/info/upload/2005_11_17_faq_fs_healthseries_filtration.pdf)