

Eugene Water & Electric Board 2021 Water Testing Results

Samples collected at the Entry Point to the Water Distribution System unless otherwise noted.
Results in mg/L unless otherwise noted.

Parameter	EPA Standard	Average Result	Range
PRIMARY DRINKING WATER REGULATIONS			
INORGANIC CHEMICALS			
Barium	2	ND	ND - 0.003
Fluoride	4	ND	ND - 0.057
Nitrate	10	ND	ND - 0.17
DISINFECTION BY-PRODUCTS			
Total Trihalomethanes ¹ (µg/L)	80	10.9	6.5 - 16
Haloacetic Acids ¹ (µg/L)	60	6.4	3.7 - 8.9
Chlorine ¹	4	0.48	0.10 - 0.74
Total Organic Carbon ²	No Limit	0.43	0.33 - 0.49
MICROORGANISMS			
Turbidity (NTU) ²	0.3	0.030	0.015 - 0.056
SECONDARY STANDARDS & ADDITIONAL PARAMETERS			
Alkalinity in CaCO ₃ units	No Limit	26	22 - 29
Aluminum	0.05-0.2	0.021	ND - 0.032
Calcium	No Limit	4.4	4.0 - 4.8
Chloride	250	2.6	2.4 - 2.7
Conductivity (µmho/cm)	No Limit	70	63 - 76
Hardness as CaCO ₃	250	18	17 - 19
Heterotrophic Bacteria (CFU)	500	0	0 - 16
Magnesium	No Limit	1.7	1.7 - 1.9
Odor (TON)	3	ND	ND - 1
pH (pH Units)	6.5 - 8.5 ³	7.9	7.6 - 8.8
Silica	No Limit	18	18 - 18
Sodium	No Limit	7.2	6.5 - 8.4
Sulfate	250	4.4	4.0 - 4.9
Total Dissolved Solids	500	56	52 - 60
Total Solids	No Limit	55	46 - 62

- 1 Samples collected throughout Eugene's water distribution system.
- 2 Samples collected post filtration within the Water Treatment Plant as required.
- 3 EWEB is required by the Oregon Health Authority to produce water with a pH greater than 7.6.

For more information click the links below:

[EPA Primary Regulations](#)

[EPA Secondary Standards](#)

In 2021 the following contaminants were monitored for but not detected in EWEB's water.

Samples collected at the Entry Point to the Water Distribution System unless otherwise noted.

1,1,1,2-Tetrachloroethane	Baygon	Di-(2-Ethylhexyl)adipate
1,1,1-Trichloroethane	Bendroflumethiazide	Di(2-Ethylhexyl)phthalate
1,1,2,2-Tetrachloroethane	Bentazon	DIA
1,1,2-Trichloroethane	Benz(a)Anthracene	Diazepam
1,1-Dichloroethane	Benzene	Diazinon (Qualitative)
1,1-Dichloroethylene	Benzo(a)pyrene	Dibenz(a,h)Anthracene
1,1-Dichloropropene	Benzo(b)Fluoranthene	Dibromochloropropane (DBCP)
1,2,3-Trichlorobenzene	Benzo(g,h,i)Perylene	Dibromomethane
1,2,3-Trichloropropane	Benzo(k)Fluoranthene	Dicamba
1,2,4-Trichlorobenzene	Beryllium Total ICAP/MS	Dichlorodifluoromethane
1,2,4-Trimethylbenzene	Bezafibrate	Dichloromethane
1,2-Dichloroethane	BPA	Dichloroprop
1,2-Dichloropropane	Bromacil	Diclofenac
1,3,5-Trimethylbenzene	Bromobenzene	Dieldrin
1,3-Dichloropropane	Bromochloromethane	Diethylphthalate
1,7-Dimethylxanthine	Bromoethane	Di-isopropyl ether
11-chloroeicosafluoro-3-oxaundecane-sulfonic acid	Bromoform	Dilantin
1H-Benzotriazole	Bromomethane (Methyl Bromide)	Diltiazem
2,2-Dichloropropane	Butachlor	Dimethoate
2,4,5-T	Butalbital	Dimethylphthalate
2,4,5-TP (Silvex)	Butylbenzylphthalate	Di-n-Butylphthalate
2,4-D	Butylparaben	Dinoseb
2,4-DB	Cadmium Total ICAP/MS	Diquat
2,4-Dinitrotoluene	Caffeine	Diuron
2-Butanone (MEK)	Caffeine by method 525mod	Endothall
3,5-Dichlorobenzoic acid	Carbadox	Endrin
3-Hydroxycarbofuran	Carbamazepine	Epitestosterone
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	Carbaryl	Erythromycin (semi-quantitative)
4-Methyl-2-Pentanone (MIBK)	Carbofuran (Furadan)	Estradiol
4-nonylphenol - semi quantitative	Carbon disulfide	Estriol
4-tert-Octylphenol	Carbon Tetrachloride	Estrone
9-chlorohexadecafluoro-3-oxanone-sulfonic acid	Carisoprodol	Ethinyl Estradiol - 17 alpha
Acenaphthylene	Chloramphenicol	Ethyl Benzene
Acesulfame-K	Chlordane	Ethylene Dibromide (EDB)
Acetaminophen	Chloridazon	Ethylparaben
Acifluorfen	Chlorobenzene	Flumequine
Alachlor	Chlorodibromomethane	Fluoranthene
Alachlor (Alanex)	Chloroethane	Fluorene
Albuterol	Chloromethane(Methyl Chloride)	Fluoxetine
Aldicarb (Temik)	Chlorotoluron	Foaming Agents
Aldicarb sulfone	Chromium Total ICAP/MS	gamma-Chlordane
Aldicarb sulfoxide	Chrysene	Gemfibrozil
Aldrin	Cimetidine	Glyphosate
alpha-Chlordane	cis-1,2-Dichloroethylene	Heptachlor
Amoxicillin (semi-quantitative)	cis-1,3-Dichloropropene	Heptachlor epoxide
Androstenedione	Clofibric Acid	Heptachlor Epoxide (isomer B)
Anthracene	Codeine	Hexachlorobenzene
Antimony Total ICAP/MS	Copper Total ICAP/MS	Hexachlorobutadiene
Color	Cotinine	Hexachlorocyclopentadiene
Arsenic Total ICAP/MS	Cyanide	Hexafluoropropylene oxide dimer acid (HFPO-DA)
Atenolol	DACT (semi-quantitative)	Hydrocodone
Atrazine	Dalapon	Ibuprofen
	DEA	Indeno(1,2,3,c,d)Pyrene
	DEET	Iohexol
	Dehydronifedipine	

Iopromide	Oxamyl (Vydate)	Sucralose
Iron Total ICAP	Oxolinic acid	Sulfachloropyridazine
Isobutylparaben	Oxybenzone (semi-quantitative)	Sulfadiazine
Isophorone	o-Xylene	Sulfadimethoxine
Isopropylbenzene	Paraquat	Sulfamerazine
Isoproturon	PCB 1016 Aroclor	Sulfamethazine
Ketoprofen	PCB 1221 Aroclor	Sulfamethizole
Ketorolac	PCB 1232 Aroclor	Sulfamethoxazole
Lead Total ICAP/MS	PCB 1242 Aroclor	Sulfathiazole
Lidocaine	PCB 1248 Aroclor	TCEP
Lincomycin	PCB 1254 Aroclor	TCPP
Lindane	PCB 1260 Aroclor	TDCPP
Linuron	p-Chlorotoluene	tert-amyl Methyl Ether
Lopressor	p-Dichlorobenzene (1,4-DCB)	tert-Butyl Ethyl Ether
m,p-Xylenes	Pentachlorophenol	tert-Butylbenzene
Manganese Total ICAP/MS	Pentoxifylline	Testosterone
m-Dichlorobenzene (1,3-DCB)	PFAS Chemicals:	Tetrachloroethylene (PCE)
Meclofenamic Acid	Perfluorobutanesulfonic acid	Thallium Total ICAP/MS
Meprobamate	Perfluorodecanoic acid (PFDA)	Theobromine
Mercury ICPMS	Perfluorododecanoic acid (PFDoA)	Theophylline (semi-quantitative)
Metazachlor	Perfluoroheptanoic acid (PFHpA)	Thiabendazole
Metformin	Perfluorohexanesulfonic acid (PFHxS)	Thiobencarb (ELAP)
Methadone	Perfluorohexanoic acid (PFHxA)	Toluene
Methiocarb	Perfluorononanoic acid (PFNA)	Tot DCPA Mono&Diacid Degradate
Methomyl	Perfluorooctanesulfonic acid (PFOS)	Total 1,3-Dichloropropene
Methoxychlor	Perfluorooctanoic acid (PFOA)	Total PCBs
Methyl Tert-butyl ether (MTBE)	Perfluorotetradecanoic acid (PFTA)	Total Xylenes
Methylparaben	Perfluorotridecanoic acid (PFTrDA)	Toxaphene
Metolachlor	Perfluoroundecanoic acid (PFUnA)	trans-1,2-Dichloroethylene
Metribuzin	Phenanthrene	trans-1,3-Dichloropropene
Molinate	Phenazone	trans-Nonachlor
Morphine	Picloram	Trichloroethylene (TCE)
Naphthalene	p-Isopropyltoluene	Trichlorofluoromethane
Naproxen	Primidone	Trichlorotrifluoroethane(Freon 113)
n-Butylbenzene	Progesterone	Triclocarban
N-ethyl	Propachlor	Triclosan
Perfluorooctanesulfonamidoacetic acid	Propazine	Trifluralin
Nickel Total ICAP/MS	Propranolol	Trimethoprim
Nifedipine	Propylparaben	Venlafaxine
Nitrite Nitrogen by IC	Pyrene	Vinyl chloride (VC)
N-methyl	Quinoline	Warfarin
Perfluorooctanesulfonamidoacetic acid	Salicylic Acid	Zinc Total ICAP/MS
Norethisterone	sec-Butylbenzene	Cyanotoxins ¹ :
n-Propylbenzene	Selenium Total ICAP/MS	Microcystin, Total
o-Chlorotoluene	Silver Total ICAP/MS	Cylindrospermopsin
o-Dichlorobenzene (1,2-DCB)	Simazine	Anatoxin-A
OUST (Sulfometuron,methyl)	Styrene	

1 Collected from the McKenzie River Intake to the Water Treatment Plant