

Eugene Water & Electric Board

2023 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 - 0.002
Nitrate	10	0.06	ND - 0.25
DISINFECTION BY-PRODUCTS			
Total Trihalomethanes ¹ (µg/L)	80	11	8.2 - 16
Haloacetic Acids ¹ (µg/L)	60	5.4	3.5 - 10
Chlorine ¹	4	0.53	0.15 - 0.87
Total Organic Carbon ²	No Limit	0.51	0.31 - 0.80
MICROORGANISMS			
Turbidity (NTU)	0.3	0.030	0.005 - 0.057
SECONDARY STANDARDS & ADDITIONAL PARAMETERS			
Alkalinity in CaCO ₃ units	No Limit	25	22 - 28
Calcium	No Limit	4.1	3.5 - 4.5
Chloride	250	3.2	3.1 - 3.4
Conductivity (µmho/cm)	No Limit	74	73 - 75
Hardness as CaCO ₃	250	17	14 - 20
Heterotrophic Bacteria (CFU)	500	0	0 - 44
Magnesium	No Limit	1.7	1.3 - 2.0
Odor (TON)	3	0	ND - 1
pH (pH Units)	6.5 - 8.5 ³	7.9	7.7 - 8.4
Silica	No Limit	18	16 - 20
Sodium	No Limit	6.9	5.5 - 8.2
Sulfate	250	4.5	3.4 - 7.2
Total Dissolved Solids	500	56	54 - 58
Total Solids	No Limit	58	51 - 65

ND equals Not Detected

- 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 Drinking Water Regulations](#)

[EPA Secondary Drinking Water Standards](#)

In 2023 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	Amoxicillin	cis-1,3-Dichloropropene
1,1,1-Trichloroethane	Anthracene	Clofibric Acid
1,1,2,2-Tetrachloroethane	Antimony	Codeine
1,1,2-Trichloro-1,2,2-trifluoroethane	Aroclor 1016	Color
1,1,2-Trichloroethane	Aroclor 1221	Copper
1,1-Dichloroethane	Aroclor 1232	Cotinine
1,1-Dichloroethylene	Aroclor 1242	Cyanide
1,1-Dichloropropene	Aroclor 1248	Dalapon
1,2,3-Trichlorobenzene	Aroclor 1254	Dexamethasone
1,2,3-Trichloropropane	Aroclor 1260	Diazepam
1,2,4-Trichlorobenzene	Arsenic	Diazinon
1,2,4-Trimethylbenzene	Asbestos	Dibenz[ah]anthracene
1,2-Dibromo-3-chloropropane	Atenolol	Dibromochloromethane
1,2-Dibromoethane	Atrazine	Dicamba
1,2-Dichlorobenzene	Azithromycin	Dichlorodifluoromethane
1,2-Dichloroethane (EDC)	Baygon	Dichlorprop
1,2-Dichloroethylene (cis)	Bentazon	Diclofenac
1,2-Dichloroethylene (trans)	Benz[a]anthracene	Dieldrin
1,2-Dichloropropane	Benzene	Diethyl phthalate
1,3,5-Trimethylbenzene	Benzo (ghi) perylene	Diethylstilbestrol
1,3-Dichlorobenzene	Benzo[a]pyrene	Diisopropylether
1,3-Dichloropropane	Benzo[b]fluoranthene	Dilantin
1,4-Dichlorobenzene	Benzo[k]fluoranthene	Diltiazem
1,7-Dimethylxanthine	Beryllium	Dimethoate
17a-Estradiol	Bezafibrate	Dimethyl phthalate
17-beta-Estradiol	Bis(2-ethylhexyl)adipate	Di-n-butyl phthalate
1-Methyl-4-isopropylbenzene	Bis(2-ethylhexyl)phthalate (DEHP)	Dinoseb
2-(2,4,5-Trichlorophenoxy) propionic acid	Bisphenol A	Diphenhydramine
2,2-Dichloropropane	Bromacil	Diquat
2,4,5-Trichlorophenoxyacetic Acid	Bromate	Endothall
2,4-Dichlorophenoxyacetic Acid (2,4-D)	Bromide	Endrin
2,4-Dinitrotoluene	Bromobenzene	Epitestosterone
2-Hexanone	Bromochloromethane	Equilin
2-METHYLISOBORNEOL	Bromodichloromethane	Erythromycin
3,5-Dichlorobenzoic acid	Bromoethane	Estriol
3-Hydroxycarbofuran	Bromoform (tribromomethane)	Estrone
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Bromomethane (Methyl bromide)	Ethyl chloride
4-androstene-3,17-dione	Butachlor	Ethyl tert-butyl ether
4-Chlorotoluene	Butyl benzyl phthalate	Ethylbenzene
4-nonylphenol	Cadmium	Ethynyl estradiol
4-Phenylphenol	Caffeine	Fluoranthene
4-tert-Octylphenol	Carbadox	Fluorene
Acenaphthylene	Carbamazepine	Fluoxetine
Acesulfame-K	Carbaryl	gamma-chlordane
Acetaminophen	Carbofuran	Gemfibrozil
Acifluorfen	Carbon disulfide	Geosmin
Alachlor	Carbon tetrachloride	Glyphosate
Aldicarb	Chloramphenicol	Heptachlor
Aldicarb sulfone	Chlordane	Heptachlor epoxide
Aldicarb sulfoxide	Chlorobenzene	Hexachlorobenzene
Aldrin	Chloromethane	Hexachlorobutadiene
alpha-Chlordane	Chromium	Hexachlorocyclopentadiene
	Chrysene	Ibuprofen
	Cimetidine	Indeno[1,2,3-cd]pyrene

Iohexal
Iopromide
Iron
Isophorone
Isopropylbenzene (Cumene)
Lead
Levothyroxine
Lincomycin
Lindane
Lithium
m,p-Xylenes
Manganese
Meprobamate
Mercury
Metformin
Methiocarb
Methomyl
Methoxychlor
Methyl ethyl ketone
Methyl tertbutyl ether (MTBE)
Methylene bromide
Methylene chloride
Metolachlor
Metribuzin
Molinate
Monensin
N,N-diethyl-meta-toluamide
Naphthalene
Naproxen
Narasin
n-Butylbenzene
Nickel
Nicotine
Nitrite
n-Propylbenzene
o-Chlorotoluene
Oleandomycin
Oxamyl
o-Xylene
Paraquat
Penicillin G
Penicillin V
Pentachlorophenol

[PFAS Chemicals](#)

11-chloroeicosafluoro-3-oxaundecane-sulfonic acid
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)

4,8-dioxa-3H-perfluorononanoic acid (ADONA)
9-chlorohexadecafluoro-3-oxanone-sulfonic acid
Hexafluoropropylene oxide dimer acid (HFPO-DA)
N-ethyl
Perfluorooctanesulfonamidoacetic acid
N-methyl
Perfluorooctanesulfonamidoacetic acid
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)
Perfluoro octanesulfonic acid
Perfluoro-1-butanesulfonic acid
Perfluoro-1-hexanesulfonic acid
Perfluoro-3-methoxypropanoic acid (PFMPA)
Perfluoro-4-methoxybutanoic acid (PFMBA)
Perfluorobutanoic acid (PFBA)
Perfluorodecanoic acid
Perfluorododecanoic acid
Perfluoroheptanesulfonic acid (PFHpS)
Perfluoroheptanoic acid
Perfluorohexanoic acid
Perfluorononanoic acid
Perfluorooctanoic acid
Perfluoropentanesulfonic acid (PFPeS)
Perfluoropentanoic acid (PFPeA)
Perfluorotetradecanoic acid
Perfluorotridecanoic acid
Perfluoroundecanoic acid

Phenanthrene
Phenazone
Picloram
Polychlorinated biphenyls (PCBs)
Prednisone
Primidone
progesterone
Propachlor
Pyrene
Quinoline

[Radiologicals](#)

Gross Alpha
Gross Beta
Combined Radium
Combined Uranium

Roxithromycin

Salicylic Acid
Salinomycin
sec-Butylbenzene
Selenium
Silver
Simazine
Styrene
Sucralose
Sulfadiazine
Sulfadimethoxine
Sulfamerazine
Sulfamethazine
Sulfamethizole
Sulfamethoxazole
Sulfasalazine
Sulfathiazole
Surfactants
TCEP
TCPP
tert-Butylbenzene
tert-Pentyl methyl ether
Testosterone
Tetrabromobisphenol A
Tetrachloroethylene (PCE)
Thallium
Theobromine
Theophylline
Thiobencarb
Toluene
Toxaphene
Trans-1,3-Dichloropropene
trans-Nonachlor
Trichloroethylene (TCE)
Trichlorofluoromethane
Trichlorophenol(s)
Triclocarban
Triclosan
Trifluralin
Trimethoprim
Tris(dichlorisopropyl)phosphate
Tylosin
Vinyl chloride
Virginiamycin M1
Xylenes
Zinc

[Cyanotoxins¹](#)

Microcystin, Total
Cylindrospermopsin
Anatoxin-A

1 Collected from the McKenzie River Intake to the Water Treatment Plant as required.