

Eugene Water & Electric Board 2024 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
Fluoride	4	ND	ND - 0.057
Nitrate	10	0.08	ND - 0.15
DISINFECTION BY-PRODUCTS			
Total Trihalomethanes ¹ (µg/L)	80	13	8.0 - 22
Haloacetic Acids ¹ (µg/L)	60	6.8	4.5 - 8.2
Chlorine ¹	4	0.52	0.19 - 0.81
Total Organic Carbon ²	No Limit	0.39	0.26 - 0.73
MICROORGANISMS			
Turbidity (NTU)	0.3	0.029	0.024 - 0.038
SECONDARY STANDARDS & ADDITIONAL PARAMETERS			
Alkalinity in CaCO ₃ units	No Limit	22	18 - 28
Aluminum	0.2	0.019	ND - 0.034
Calcium	No Limit	4.0	3.3 - 4.5
Chloride	250	3.1	2.8 - 3.8
Conductivity (µmho/cm)	No Limit	68	58 - 76
Hardness as CaCO ₃	No Limit	16	13 - 19
Heterotrophic Bacteria (CFU)	500	<1	<1 - 24
Magnesium	No Limit	1.6	1.2 - 2.0
pH (pH Units)	6.5 - 8.5 ³	7.9	7.8 - 8.0
Silica	No Limit	17	14 - 19
Sodium	No Limit	7.0	5.7 - 8.4
Sulfate	250	4.8	3.9 - 6.5
Total Dissolved Solids	500	51	44 - 58
Total Solids	No Limit	55	49 - 62

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 2024 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	Aroclor 1260	Ethyl tert-butyl ether
1,1,1-Trichloroethane	Atrazine	Ethylbenzene
1,1,2,2-Tetrachloroethane	Baygon	Fluoranthene
1,1,2-Trichloro-1,2,2-trifluoroethane	Bentazon	Fluorene
1,1,2-Trichloroethane	Benz[a]anthracene	gamma-chlordane
1,1-Dichloroethane	Benzene	Glyphosate
1,1-Dichloroethylene	Benzo (ghi) perylene	Heptachlor
1,1-Dichloropropene	Benzo[a]pyrene	Heptachlor epoxide
1,2,3-Trichlorobenzene	Benzo[b]fluoranthene	Hexachlorobenzene
1,2,3-Trichloropropane	Benzo[k]fluoranthene	Hexachlorobutadiene
1,2,4-Trichlorobenzene	Bis(2-ethylhexyl)adipate	Hexachlorocyclopentadiene
1,2,4-Trimethylbenzene	Bis(2-ethylhexyl)phthalate (DEHP)	Indeno[1,2,3-cd]pyrene
1,2-Dibromo-3-chloropropane	Bisphenol A	Isophorone
1,2-Dibromoethane	Bromacil	Isopropylbenzene (Cumene)
1,2-Dichlorobenzene	Bromobenzene	Lindane
1,2-Dichloroethane (EDC)	Bromochloromethane	m,p-Xylenes
1,2-Dichloroethylene (cis)	Bromoethane	Methiocarb
1,2-Dichloroethylene (trans)	Bromoform (tribromomethane)	Methomyl
1,2-Dichloropropane	Bromomethane (Methyl bromide)	Methoxychlor
1,3,5-Trimethylbenzene	Butachlor	Methyl ethyl ketone
1,3-Dichlorobenzene	Butyl benzyl phthalate	Methyl tertbutyl ether (MTBE)
1,3-Dichloropropane	Caffeine	Methylene bromide
1,4-Dichlorobenzene	Carbaryl	Methylene chloride
1-Methyl-4-isopropylbenzene	Carbofuran	Metolachlor
2-(2,4,5-Trichlorophenoxy) propionic acid	Carbon disulfide	Metribuzin
2,2-Dichloropropane	Carbon tetrachloride	Molinate
2,4,5-Trichlorophenoxyacetic Acid	Chlordane	N,N-diethyl-meta-toluamide
2,4-Dichlorophenoxyacetic Acid (2,4-D)	Chlorobenzene	Naphthalene
2,4-Dinitrotoluene	Chloromethane	Nitrite
2-Hexanone	Chrysene	n-Butylbenzene
3,5-Dichlorobenzoic acid	cis-1,3-Dichloropropene	n-Propylbenzene
3-Hydroxycarbofuran	Clofibric Acid	o-Chlorotoluene
4-(2,4-Dichlorophenoxy)butyric Acid	Color	Odor
4-Chlorotoluene	Cyanide	Oxamyl
4-nonylphenol	Dalapon	o-Xylene
4-Phenylphenol	DCPA (acid degradates)	Paraquat
4-tert-Octylphenol	Diazinon	Pentachlorophenol
Acenaphthylene	Dibenz[ah]anthracene	Phenanthrene
Acesulfame-K	Dicamba	Picloram
Acifluorfen	Dichlorodifluoromethane	Polychlorinated biphenyls (PCBs)
Alachlor	Dichloroprop	Propachlor
Aldicarb	Dieldrin	Pyrene
Aldicarb sulfone	Diethyl phthalate	Quinoline
Aldicarb sulfoxide	Diethylstilbestrol	sec-Butylbenzene
Aldrin	Diisopropylether	Simazine
alpha-Chlordane	Dilantin	Styrene
Anthracene	Dimethoate	Sucralose
Aroclor 1016	Dimethyl phthalate	Surfactants
Aroclor 1221	Di-n-butyl phthalate	TCEP
Aroclor 1232	Dinoseb	TCEP
Aroclor 1242	Diquat	tert-Butylbenzene
Aroclor 1248	Endothall	tert-Pentyl methyl ether
Aroclor 1254	Endrin	Tetrabromobisphenol A
	Ethyl chloride	Tetrachloroethylene (PCE)

Theobromine
Thiobencarb
Toluene
Toxaphene
Trans-1,3-Dichloropropene
trans-Nonachlor
Trichloroethylene (TCE)
Trichlorofluoromethane
Trichlorophenol(s)
Triclocarban
Triclosan
Trifluralin
Tris(dichlorisopropyl)phosphate
Vinyl chloride
Xylenes

Metals

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Iron
Lead
Manganese
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Hormones

17a-Estradiol
17-beta-Estradiol
4-androstene-3,17-dione
Epitestosterone
Equilin
Estril
Estrone
Ethinyl estradiol
Progesterone
Testosterone

Pharmaceuticals

1,7-Dimethylxanthine
Acetaminophen
Amoxicillin

Atenolol
Azithromycin
Bezafibrate
Carbadox
Carbamazepine
Chloramphenicol
Cimetidine
Codeine
Cotinine
Dexamethasone
Diazepam
Diclofenac
Diltiazem
Diphenhydramine
Erythromycin
Fluoxetine
Gemfibrozil
Ibuprofen
Iohexal
Iopromide
Levothyroxine
Lincomycin
Meprobamate
Metformin
Monensin
Naproxen
Narasin
Nicotine
Oleandomycin
Penicillin G
Penicillin V
Phenazone
Prednisone
Primidone
Roxithromycin
Salicylic Acid
Salinomycin
Sulfadiazine
Sulfadimethoxine
Sulfamerazine
Sulfamethazine
Sulfamethizole
Sulfamethoxazole
Sulfasalazine
Sulfathiazole
Theophylline
Trimethoprim
Tylosin
Virginiamycin M1

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)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)
Perfluoro octanesulfonic acid
Perfluoro-1-butanefluoride sulfonic 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)
Perfluoroundecanoic acid

Cyanotoxins¹

Cylindrospermopsin
Microcystin
Anatoxin

Microbiological

Total Coliform
E.coli

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