




Medford Water's  
2024

# Water Quality Analyses

*2024 annual drinking water test  
results; published April 2025*

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**MEDFORD  
WATER**

Providing safe, high quality drinking water is Medford Water's top priority. To ensure this objective, a comprehensive water quality program has been developed.

This involves water treatment and testing, as well as measures aimed at assuring that our water resources are protected to the greatest extent possible.

We also publish an annual [Consumer Confidence Report](#). While similar to this document, it does not include data on all parameters tested. Rather, it focuses on and provides additional details about contaminants that have been detected in our drinking water.

We encourage you to read that report for additional health related information.



*WATER OPERATIONS  
MANAGER*

*Dan Perkins*



Medford Water has two high-quality sources of water: a groundwater source, Big Butte Springs, and our surface water source, the Rogue River. In the winter we rely solely on Big Butte Springs, and use the Rogue River from April to November to meet the seasonal increase in water demand.

We regularly monitor the quality of the water we serve and test for potential contaminants; the term "contaminant" refers to any substance that may be found in the water. All water, including bottled water, may contain small amounts of contaminants, and their presence does not necessarily indicate a health concern.

**We are proud to report that we met or exceeded all state and federal health standards in 2024.**

Certain contaminants are regulated by the U.S. Environmental Protection Agency (EPA) and administered by the Oregon Health Authority, Drinking Water Services. Drinking water standards set Maximum Contaminant Levels (MCLs) that establish regulatory limits for various substances that can adversely affect human health. Secondary standards relate to the aesthetic qualities of the water but are not necessarily harmful and are considered recommended guidelines.

This report provides a comprehensive list of the most current test results for all the parameters and contaminants we measure and test for. Where applicable, the tables indicate the MCLs allowed in drinking water. Those substances subject only to the secondary standard are identified with an asterisk (\*). Definitions and explanations have also been included to assist in understanding the tables.

## GENERAL PARAMETERS @ EP

Analyte	EP-Big Butte Springs	EP-Duff WTP, Rogue River	MCL or Standard	
			Level	Unit
Million Gallons	7,722	3,346	N/A	Gallons
Free Chlorine Residual	0.6	0.9	4	ppm
Temperature	9.9	14.8	N/A	Deg C
pH	7.6	7.9	BBS > 6.8 Duff > 7.0	pH Units
Specific Conductance	131	92	N/A	uS/cm
Alkalinity as CaCO <sub>3</sub>	63.1	47.5	N/A	ppm
Potassium	1.3	< 1.2	N/A	ppm
Total Hardness as CaCO <sub>3</sub>	40.1	30.8	N/A	ppm
Magnesium	5.1	3.01	N/A	ppm
Calcium	8.2	7.4	N/A	ppm
Silica, SiO <sub>2</sub>	36.9	27.2	N/A	ppm
Sodium	11.3	8.8	20*	ppm
Total Dissolved Solids	85.8	66.3	500*	ppm
Total Organic Carbon	< 0.5	1.1	TT	ppm
Turbidity (Year Average)	0.3	0.04	N/A	NTU

\*Secondary standards

## MICROBIOLOGICAL ANALYSIS AND ALGAL TOXINS

Analyte	Amount Detected	MCL or Standard	
		Level	Unit
Total Coliform Bacteria <sup>1</sup>	One positive sample	TT	
E. coli	Zero positive samples	0	
Total Microcystin <sup>2</sup>	ND @ 0.13	N/A	ppb
Cylindrospermopsin <sup>2</sup>	ND @ 0.1	N/A	ppb

<sup>1</sup>Coliform bacteria are the primary measure of the microbial quality of drinking water. They are used as indicators of the possible presence of disease-causing microorganisms. Medford Water has 53 microbiological sampling points established at representative locations throughout the water distribution system and collects a minimum of 90 samples each month. Over 1,000 samples were analyzed during 2024, and coliform bacteria were present in 1 sample in Medford Water's system. All repeat samples were absent of coliform.

<sup>2</sup>Microcystin & Cylindrospermopsin are toxins produced by naturally occurring algae which tend to grow in warm, stagnant water. No algal toxins were detected in our source water during 2024.

## LEAD AND COPPER SAMPLING AT RESIDENTIAL WATER TAPS

Analyte	Amount Detected	MCL
Copper (2024 Results)	90th percentile value = <b>0.2</b> ppm No samples exceeded action level.	Action Level: 90% of the homes tested must have copper levels less than <b>1.3</b> parts per million.
Lead (2024 Results)	90th percentile value = <b>0.5</b> ppb One sample exceeded action level.	Action Level: 90% of the homes tested must have lead levels less than <b>15</b> parts per billion.

Lead, copper, and metals can enter the drinking water supply through corrosion within the water distribution system or household plumbing, supplemental testing is conducted at the individual taps of customers whose plumbing meets criteria for being at risk for elevated lead and copper levels. Based on testing in representative home plumbing systems, all test results are below the federal and state health advisory levels.



**AL (Action Level):** The concentration of a contaminant, which if exceeded, triggers a treatment or other requirement that a water system must follow.

**Chlorine Residual:** In order to assure that protection from microorganisms occurs until drinking water reaches the customer's taps, chlorine should be present throughout the distribution system. The table indicates the average amount of chlorine present in the water from each source as it enters the distribution system. Chlorine residual is routinely tested for compliance at sampling locations dispersed throughout the water system.

**EP:** Entry Point to the Distribution System

**Hardness:** A description of the mineral content of the water, typically measured by dissolved calcium carbonate (CaCO<sub>3</sub>). The harder the water, the less easily soap will lather. Typically ranging between 25 and 40 ppm, our water tends to be **moderately soft**. Hardness is sometimes given in grains per gallon, with our water generally having between 1.4 and 2.4 grains per gallon.

**Inorganic Chemicals:** A diverse group of substances generally derived from mineral sources.

**MCL (Maximum Contaminant Level):** The maximum amount of a regulated substance allowed in drinking water.



**µmhos/cm:** Micromhos per centimeter, a measurement of conductivity (the ability to carry an electrical current). Dissolved minerals and salts will increase conductivity. Pure distilled water has a conductivity of 0 to 3 µmhos/cm, and the conductivity of finished drinking water in the U.S. generally ranges from 50 to 1500 µmhos/cm.

**ND:** Indicates that the contaminant was not detected in the water. Today's precise laboratory equipment detects substances at very low levels, but it is recognized that a substance could be present at an even lower level. Therefore, the results are given as "ND @" a specific testing level, typically well below the MCL.

**pH:** The degree of acidity or alkalinity of a solution. Values between 0 and 7 indicate acidity, those between 7 and 14 indicate alkalinity, and a value of 7 is neutral.

**pCi/L:** Picocuries per liter, a measure of radioactivity.



## INORGANIC CHEMICALS\* @ EP

Analyte	EP-Big Butte Springs		EP-Duff WTP, Rogue River		MCL or Standard	
	Amount Detected	Sample Date	Amount Detected	Sample Date	Level	Unit
Aluminum, Al	0.05	2024	< 0.02	2024	0.05 to 0.2*	ppm
Antimony, Sb	ND @ 0.0005	2024	< 0.0005	2024	0.006	ppm
Arsenic, As	ND @ 0.001	2024	ND @ 0.001	2024	0.01	ppm
Barium, Ba	0.003	2024	0.006	2024	2	ppm
Beryllium, Be	ND @ 0.0005	2024	ND @ 0.0005	2024	0.004	ppm
Boron, B	ND @ 0.05	2024	ND @ 0.05	2024	N/A	ppm
Cadmium, Cd	ND @ 0.0001	2024	ND @ 0.0001	2024	0.005	ppm
Chloride, Cl	2.03	2024	3.7	2024	250*	ppm
Chromium, Cr	ND @ 0.002	2024	ND @ 0.002	2024	0.1	ppm
Copper, Cu	0.03	2024	< 0.006	2024	1.3	ppm
Cyanide, Cn	ND @ 0.003	2023	ND @ 0.003	2020	0.2	ppm
Fluoride, F	ND @ 0.2	2024	ND @ 0.2	2024	4	ppm
Iron, Fe	< 0.03	2024	< 0.03	2024	0.3*	ppm
Lead, Pb	ND @ 0.0005	2024	ND @ 0.0001	2024	0.015 AL	ppm
Lithium, Li	ND @ 0.009	2024	ND @ 0.009	2024	N/A	ppm
Manganese, Mn	ND @ 0.02	2024	< 0.006	2024	0.05*	ppm
Mercury, Hg	ND @ 0.0002	2023	ND @ 0.0002	2020	0.002	ppm
Molybdenum, Mo	ND @ 0.001	2024	ND @ 0.001	2024	N/A	ppm
Nickel, Ni	ND @ 0.0005	2024	ND @ 0.0005	2024	0.1	ppm
Nitrate, NO <sub>3</sub>	ND @ 0.2	2024	ND @ 0.2	2024	10	ppm
Nitrite, NO <sub>2</sub>	ND @ 0.05	2024	ND @ 0.05	2024	1	ppm
Selenium, Se	ND @ 0.001	2024	ND @ 0.001	2024	0.05	ppm
Silver, Ag	ND @ 0.0005	2024	ND @ 0.0005	2024	0.1*	ppm
Sulfate, SO <sub>4</sub>	1.2	2024	0.9	2024	250*	ppm
Thallium, Tl	ND @ 0.0005	2024	ND @ 0.0005	2024	0.002	ppm
Vanadium, V	0.01	2024	< 0.013	2024	N/A	ppm
Zinc, Zn	ND @ 0.05	2024	ND @ 0.05	2024	5*	ppm

\*Secondary standards, AL = Action Level

## DISINFECTION BYPRODUCTS & PRECURSORS

Analyte	Min	Sample Date	Max	Running AVG*	MCL	Unit
HAA5	ND @ 3.0	2024	37.2	12.9	60**	ppb
HAA6	ND @ 0.2	2018	1.4	0.6	N/A	ppb
HAA9	ND @ 0.2	2018	17	7.2	N/A	ppb
TTHMs	ND @ 0.5	2024	41.8	17.1	80**	ppb
Bromate	ND @ 5	2024	8.6	1.2	10	ppb

\*Running AVG is the highest local running average calculated by sample location.

\*\*MCL is evaluated against the Running AVG not the maximum detection.

## RADIOLOGICALS

Analyte	EP-Big Butte Springs	Sample Date	EP-Duff WTP, Rogue River	Sample Date	MCL or Standard	
					Level	Unit
Gross Alpha	ND @ 3	2018	ND @ 3	2018	15	pCi/L
Radium 226	ND @ 1	2018	ND @ 1	2018	5*	pCi/L
Radium 228	ND @ 1	2018	ND @ 1	2018	5*	pCi/L
Radon 222	88	2018	N/A	2018	N/A	pCi/L
Uranium	ND @ .01	2024	ND @ .01	2024	30 µg/l	µg/l

\*MCL applies to both Radium 226 and Radium 228 combined.

## VOLATILE ORGANIC CHEMICALS (VOCs) @ EP

Analyte	EP-Big Butte Springs		EP-Duff WTP, Rogue River		MCL or Standard	
	Amount Detected	Sample Date	Amount Detected	Sample Date	Level	Unit
1,1,1,2-Tetrachloroethane	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
1,1,1-Trichloroethane	ND @ 0.0005	2024	ND @ 0.0005	2024	0.2	ppm
1,1,2-Tetrachloroethane	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
1,1,2-Trichloroethane	ND @ 0.0005	2024	ND @ 0.0005	2024	0.005	ppm
1,1-Dichloroethane	ND @ 0.0005	2017	ND @ 0.0005	2020	0.005	ppm
1,1-Dichloroethylene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.007	ppm
1,1-Dichloropropene	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
1,2,3-Trichloropropane	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
1,2,4-Trichlorobenzene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.07	ppm
1,2-Dichloroethane	ND @ 0.0005	2024	ND @ 0.0005	2024	0.005	ppm
1,2-Dichloropropane	ND @ 0.0005	2024	ND @ 0.0005	2024	0.005	ppm
1,3-Dichloropropane	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
1,3-Dichloropropene	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
2,2-Dichloropropane	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
Benzene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.005	ppm
Bromobenzene	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
Bromodichloromethane	ND @ 0.0005	2017	0.0015	2020	N/A	ppm
Bromomethane	ND @ 0.0005	2017	ND @ 0.0005	2019	N/A	ppm
Carbon Tetrachloride	ND @ 0.0005	2024	ND @ 0.0005	2024	0.005	ppm
Chlorobenzene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.1	ppm
Chloroethane	ND @ 0.0005	2017	ND @ 0.0005	2019	N/A	ppm
Chloroform	ND @ 0.0005	2017	0.011	2020	N/A	ppm
Chloromethane	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
cis-1,2-Dichloroethylene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.07	ppm
Dibromochloromethane	ND @ 0.0002	2017	ND @ 0.0002	2020	N/A	ppm
Dibromomethane	ND @ 0.0005	2023	ND @ 0.0005	2020	N/A	ppm
Dichloromethane	ND @ 0.0005	2024	ND @ 0.0005	2024	0.005	ppm
Ethylbenzene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.7	ppm
m-Dichlorobenzene	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
MTBE	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
o-Chlorotoluene	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
o-Dichlorobenzene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.6	ppm
p-Chlorotoluene	ND @ 0.0005	2017	ND @ 0.0005	2020	0.6	ppm
p-Dichlorobenzene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.075	ppm
Styrene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.1	ppm
Tetrachloroethylene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.005	ppm
Toluene	ND @ 0.0005	2024	ND @ 0.0005	2024	1	ppm
Trans-1,2-Dichloroethylene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.1	ppm
Trichloroethylene	ND @ 0.0005	2024	ND @ 0.0005	2024	0.005	ppm
Vinyl Chloride	ND @ 0.0005	2024	ND @ 0.0005	2024	0.002	ppm
Xylenes, Total	ND @ 0.0005	2024	ND @ 0.0005	2024	10	ppm

**pH:** The degree of acidity or alkalinity of a solution. Values between 0 and 7 indicate acidity, those between 7 and 14 indicate alkalinity, and a value of 7 is neutral.

**ppm, ppb:** These refer to the amount of a contaminant found per increment of water. With increasing technology, contaminants can be detected in extremely small quantities. One ppm (part per million) means that one part of a particular substance is present for every million (1,000,000) parts of water. Similarly, ppb (parts per billion) indicates the amount of a contaminant per billion (1,000,000,000) parts of water.



Routine maintenance such as hydrant operation and flushing helps ensure water quality from the source to your tap.

### Radioactive

**Contaminants:** An evaluation of radiant energy emitted from certain minerals as they disintegrate. It can be released from the ground and from water that has been exposed to such substances.

### Sampling Schedule:

Medford Water follows the sampling scheduled that Oregon Health Authority has set. Some analytes are not tested annually.

### Secondary Standards:

Denoted in tables with an asterisk (\*). The suggested maximum amount of a substance, but not a regulatory requirement.

### Synthetic Organic Chemicals:

Pesticide/herbicide compounds, most often present in areas of intensive agriculture.

### TTHMs (Total Trihalomethanes), HAA5s (Haloacetic Acids) & Bromate:

Compounds that can result from chemical reactions between organic material and chlorine or bromide and ozone. These are collectively called Disinfection Byproducts (DBPs). The disinfection processes are carefully monitored to keep DBPs to a minimum while still ensuring that sufficient disinfection is achieved.

## SYNTHETIC ORGANIC CHEMICALS<sup>1</sup> @ EP

Analyte	EP-Big Butte Springs		EP-Duff WTP, Rogue River		MCL or Standard	
	Amount Detected	Sample Date	Amount Detected	Sample Date	Level	Unit
1,2-Dibromo-3-Chloropropane (DBCP)	ND @ 0.0000202	2024	ND @ 0.0000202	2023	0.0002	ppm
2,4,5-TP (Silvex)	ND @ 0.005	2024	ND @ 0.005	2023	0.05	ppm
2,4-D	ND @ 0.001	2024	ND @ 0.001	2023	0.07	ppm
3-Hydroxycarbofuran	ND @ 0.004	2017	ND @ 0.004	2020	0.07	ppm
Aldicarb	ND @ 0.004	2017	ND @ 0.004	2020	N/A	ppm
Aldicarb sulfone	ND @ 0.004	2017	ND @ 0.004	2020	N/A	ppm
Aldicarb sulfoxide	ND @ 0.004	2017	ND @ 0.004	2020	N/A	ppm
Aldrin	ND @ 0.00001	2017	ND @ 0.00001	2020	N/A	ppm
Atrazine	ND @ 0.0003	2024	ND @ 0.0003	2023	0.003	ppm
Baygon	ND @ 0.004	2017	ND @ 0.004	2020	N/A	ppm
Benzo(a) pyrene	ND @ 0.00004	2024	ND @ 0.00004	2023	0.0002	ppm
Bis(2-Ethylhexyl) adipate	ND @ 0.004	2024	ND @ 0.004	2023	0.4	ppm
Bis(2-ethylhexyl) phthalate	ND @ 0.002	2024	ND @ 0.002	2023	0.006	ppm
Butachlor	ND @ 0.0003	2017	ND @ 0.0003	2020	N/A	ppm
Carbaryl	ND @ 0.004	2017	ND @ 0.004	2020	N/A	ppm
Carbofuran	ND @ 0.004	2024	ND @ 0.004	2023	0.04	ppm
Chlordane	ND @ 0.00025	2024	ND @ 0.00025	2023	0.002	ppm
Dalapon	ND @ 0.005	2024	ND @ 0.005	2023	0.2	ppm
Dicamba	ND @ 0.005	2017	ND @ 0.005	2020	N/A	ppm
Dieldrin	ND @ 0.00001	2017	ND @ 0.00001	2020	N/A	ppm
Dinoseb	ND @ 0.0005	2024	ND @ 0.0005	2023	0.007	ppm
Diquat	ND @ 0.002	2024	ND @ 0.002	2023	0.02	ppm
Endothall	ND @ 0.01	2024	ND @ 0.01	2023	0.1	ppm
Endrin	ND @ 0.00001	2024	ND @ 0.00001	2023	0.002	ppm
Ethylene dibromide (EDB)	ND @ 0.0005	2024	ND @ 0.0005	2023	0.00005	ppm
gamma-BHC (Lindane)	ND @ 0.00001	2024	ND @ 0.00001	2023	0.0002	ppm
Glyphosate	ND @ 0.05	2024	ND @ 0.05	2023	0.7	ppm
Heptachlor	ND @ 0.00001	2024	ND @ 0.00001	2023	0.0004	ppm
Heptachlor epoxide	ND @ 0.00001	2024	ND @ 0.00001	2023	0.0002	ppm
Hexachlorobenzene (HCB)	ND @ 0.0001	2024	ND @ 0.0001	2023	0.001	ppm
Hexachlorocyclopentadiene	ND @ 0.005	2024	ND @ 0.005	2023	0.05	ppm
Lasso (Alachlor)	ND @ 0.0002	2024	ND @ 0.0002	2023	0.002	ppm
Methomyl	ND @ 0.004	2017	ND @ 0.004	2020	N/A	ppm
Methoxychlor	ND @ 0.0001	2024	ND @ 0.0001	2023	0.04	ppm
Metolachlor	ND @ 0.0004	2017	ND @ 0.0004	2020	N/A	ppm
Metribuzin	ND @ 0.0004	2017	ND @ 0.0004	2020	N/A	ppm
Oxamyl (Vydate)	ND @ 0.004	2024	ND @ 0.004	2023	0.2	ppm
Pentachlorophenol	ND @ 0.0001	2024	ND @ 0.0001	2023	0.001	ppm
Picloram	ND @ 0.005	2024	ND @ 0.005	2023	0.5	ppm
Polychlorinated biphenyls (PCBs)	ND @ 0.00025	2024	ND @ 0.00025	2023	0.0005	ppm
Propachlor	ND @ 0.0004	2017	ND @ 0.0004	2020	N/A	ppm
Simazine	ND @ 0.0004	2024	ND @ 0.0004	2023	0.004	ppm
Toxaphene	ND @ 0.0003	2024	ND @ 0.0003	2023	0.003	ppm

<sup>1</sup>Synthetic Organic Chemicals with N/A as the MCL are currently unregulated.

## ADDITIONAL UNREGULATED CONTAMINANTS @ EP

Analyte	EP-Big Butte Springs		EP-Duff WTP, Rogue River		MCL or Standard	
	Amount Detected	Sample Date	Amount Detected	Sample Date	Level	Unit
Chromium 6	0.2	2015	0.1	2014	N/A	ppb
Chlorate	16	2024	248.2	2024	N/A	ppb
Strontium	71	2015	53	2014	N/A	ppb
germanium	ND @ 0.3	2018	ND @ 0.3	2018	N/A	ppb
alpha-hexachlorocyclohexane	ND @ 0.01	2018	ND @ 0.01	2018	N/A	ppb
chlorpyrifos	ND @ 0.03	2018	ND @ 0.03	2018	N/A	ppb
dimethipin	ND @ 0.2	2018	ND @ 0.2	2018	N/A	ppb
Ethoprop	ND @ 0.03	2018	ND @ 0.03	2018	N/A	ppb
Oxyfluorfen	ND @ 0.05	2018	ND @ 0.05	2018	N/A	ppb
Profenofos	ND @ 0.3	2018	ND @ 0.3	2018	N/A	ppb
Tebuconazole	ND @ 0.2	2018	ND @ 0.2	2018	N/A	ppb
total permethrin (cis- & trans-)	ND @ 0.04	2018	ND @ 0.04	2018	N/A	ppb
tribufos	ND @ 0.07	2018	ND @ 0.07	2018	N/A	ppb
butylated hydroxyanisole	ND @ 0.03	2018	ND @ 0.03	2018	N/A	ppb
o-toluidine	ND @ 0.007	2018	ND @ 0.007	2018	N/A	ppb
quinoline	ND @ 0.02	2018	ND @ 0.02	2018	N/A	ppb
1-butanol	ND @ 2.0	2018	ND @ 2.0	2018	N/A	ppb
2-methoxyethanol	ND @ 0.4	2018	ND @ 0.4	2018	N/A	ppb
2-propen-1-ol	ND @ 0.5	2018	ND @ 0.5	2018	N/A	ppb

## UNREGULATED CONTAMINANT MONITORING 5 (UCMR5)\* @ EP (SAMPLED 2024)

Analyte	EP-Big Butte Springs	EP-Duff WTP, Rogue River	MCL or Standard	
			Level	Unit
Lithium	ND @ 9.0	ND @ 9.0	N/A	ppb
11CI-PF30UdS	ND @ 0.005	ND @ 0.005	N/A	ppb
4:2 FTS	ND @ 0.001	ND @ 0.001	N/A	ppb
6:2 FTS	ND @ 0.001	ND @ 0.001	N/A	ppb
8:2 FTS	ND @ 0.001	ND @ 0.001	N/A	ppb
9CI-PF30NS	ND @ 0.002	ND @ 0.002	N/A	ppb
ADONA	ND @ 0.003	ND @ 0.003	N/A	ppb
HFPO-DA	ND @ 0.005	ND @ 0.005	0.01	ppb
NFDHA	ND @ 0.001	ND @ 0.001	N/A	ppb
PFBA	ND @ 0.001	ND @ 0.001	N/A	ppb
PFBS	ND @ 0.003	ND @ 0.003	N/A	ppb
PFDA	ND @ 0.003	ND @ 0.003	N/A	ppb
PFDaA	ND @ 0.003	ND @ 0.003	N/A	ppb
PFEESA	ND @ 0.001	ND @ 0.001	N/A	ppb
PFHpA	ND @ 0.003	ND @ 0.003	N/A	ppb
PFHpS	ND @ 0.001	ND @ 0.001	N/A	ppb
PFHxA	ND @ 0.001	ND @ 0.001	N/A	ppb
PFHxS	ND @ 0.003	ND @ 0.003	0.01	ppb
PFMBA	ND @ 0.003	ND @ 0.003	N/A	ppb
PFMPA	ND @ 0.004	ND @ 0.004	N/A	ppb
PFNA	ND @ 0.004	ND @ 0.004	0.01	ppb
PFOS	ND @ 0.004	ND @ 0.004	0.004	ppb
PFOA	ND @ 0.004	ND @ 0.004	0.004	ppb
PFPeA	ND @ 0.003	ND @ 0.003	N/A	ppb
PFPeS	ND @ 0.004	ND @ 0.004	N/A	ppb
PFUnA	ND @ 0.007	ND @ 0.007	N/A	ppb
NEtFOSAA	ND @ 0.005	ND @ 0.005	N/A	ppb
NMeFOSAA	ND @ 0.006	ND @ 0.006	N/A	ppb
PFTA	ND @ 0.008	ND @ 0.008	N/A	ppb
PFTTrDA	ND @ 0.007	ND @ 0.007	N/A	ppb

### TT (Treatment Technique):

A required process intended to reduce the level of a contaminant in drinking water.

**Turbidity:** an expression of optical clarity in water. Turbidity itself has no health effects, but it can interfere with disinfection and provide a medium for microbial growth. It can also be an indicator of microorganisms. While turbidity measurement is not required of groundwater, Big Butte Springs is continuously monitored for turbidity.

### Unregulated Contaminants:

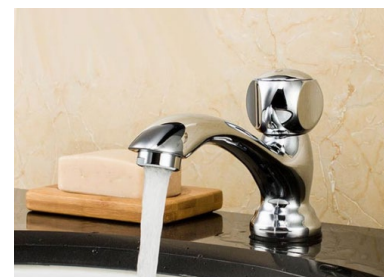
EPA requires systems to monitor for contaminants that are not yet regulated but may be regulated in the future.

### Volatile Organic Chemicals (VOCs):

Includes fuels and various solvents that tend to vaporize or be unstable in the environment.

**<:** Less than. When analytes have some detections and some ND results, results are reported as less than the average of the detections.

**>:** Greater than



\*Medford Water is sampling for the 29 PFOS, PFOA compounds as well as lithium as part of EPA's UCMR5.





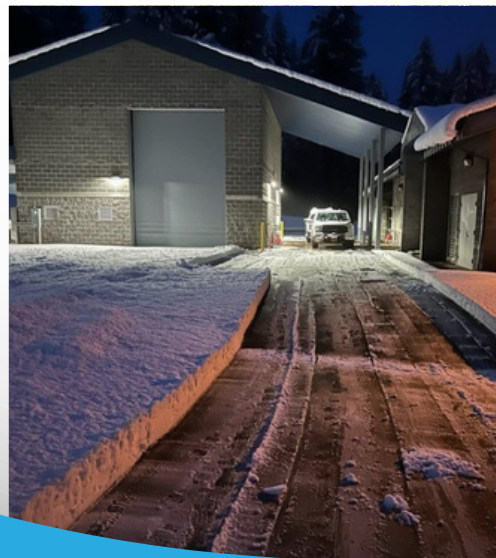
*Additional water quality information may be obtained from the following:*

**MEDFORD WATER**  
Water Quality  
(541) 774-2430  
[medfordwater.org](http://medfordwater.org)

**JACKSON COUNTY**  
Environmental  
Public Health Services  
(541) 774-8206  
[jacksoncountyor.org](http://jacksoncountyor.org)

**OREGON HEALTH AUTHORITY**  
Drinking Water Services  
(971) 673-0405  
[oregon.gov/oha/ph/healthyenvironments/drinkingwater](http://oregon.gov/oha/ph/healthyenvironments/drinkingwater)

**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
Safe Drinking Water Hotline  
(800) 426-4791  
[epa.gov/ground-water-and-drinking-water](http://epa.gov/ground-water-and-drinking-water)



## **MEDFORD WATER**

Established in 1922 and governed by the Board of Water Commissioners.

### **COMMISSIONERS**

David Wright • Jason Anderson  
John Dailey • Bob Strosser • Bob Mylenek

### **GENERAL MANAGER**

Brad Taylor

Serving Medford and Partner Cities:  
Central Point, Eagle Point,  
Jacksonville, Phoenix, Talent  
and Ashland

Also serving:  
White City area and  
Elk City Water District