



water@medfordwater.org

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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 <u>Consumer Confidence Report</u>. 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 2023.

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	EP-Duff WTP,	MCL or Standard				
7 , 2.5	Springs	Rogue River	Level	Unit			
Million Gallons	7249	3185	N/A	Gallons			
Free Chlorine Residual	0.6	0.9	4	ppm			
Temperature	9.2	15.3	N/A	Deg C			
рН	7.0	7.3	BBS > 6.8 Duff > 7.0	pH Units			
Specific Conductance	112	84	N/A	uS/cm			
Alkalinity as CaCO₃	51	34	N/A	ppm			
Potassium	1.3	< 1.2	N/A	ppm			
Total Hardness as CaCO ₃	41	27	N/A	ppm			
Magnesium	5.2	2.6	N/A	ppm			
Calcium	7.6	6.6	N/A	ppm			
Silica, SiO ₂	37	26	N/A	ppm			
Sodium	6.3	5.3	20*	ppm			
Total Dissolved Solids	79	65	500*	ppm			
Total Organic Carbon	< 0.4	1.4	N/A	ppm			
Turbidity (Year Average)	0.3	0.3	N/A	NTU			
*Secondary standards							

MICROBIOLOGICAL ANALYSIS AND ALGAL TOXINS						
Auglista	Amount Datastad	MCL or Standard				
Analyte	Amount Detected	Level	Unit			
Total Coliform Bacteria ¹	Zero positive samples	TT				
E. coli	Zero positive samples	0				
Total Microcystin ²	ND @ 0.13	N/A	ppb			
Cylindrospermopsin ²	ND @ 0.1	N/A	ppb			

¹Coliform 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 2023 and coliform bacteria were present in 1 sample in Medford Water's system. All repeat samples were absent of coliform.

AD AND CODDED CAMPLING AT DECIDENTIAL

LEAD AND COPPER SAMPLING AT RESIDENTIAL WATER TAPS						
Analyte	Amount Detected	MCL				
Copper (2022 Results)	90th percentile value = 0.7 ppm No samples exceeded action level.	Action Level: 90% of the homes tested must have copper levels less than 1.3 parts per million.				
Lead (2022 Results)	90th percentile value = 1.1 ppb No samples exceeded action level.	Action Level: 90% of the homes tested must have lead levels less than 15 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 (CaCO₃). 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.



 $^{^2}$ Microcystin & Cylindrospermopsin are toxins produced by naturally occurring algae which tend to grow in warm, stagnant water. No algal toxins were detected in or our source water during 2023.

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.



INORGANIC CHEMICALS* @ EP							
Analyte	EP-Big Butte	Springs	EP-Duff W Rogue Ri		MCL or Standard		
Alldiyle	Amount Detected	Sample Date	Amount Detected	Sample Date	Level	Unit	
Aluminum, Al	0.06	2023	ND @ 0.01	2023	0.05 to 0.2*	ppm	
Antimony, Sb	ND @ 0.0005	2023	ND @ 0.0005	2023	0.006	ppm	
Arsenic, As	ND @ 0.001	2023	ND @ 0.001	2023	0.01	ppm	
Barium, Ba	0.003	2023	0.005	2023	2	ppm	
Beryllium, Be	ND @ 0.0005	2023	ND @ 0.0005	2023	0.004	ppm	
Boron, B	ND @ 0.05	2023	ND @ 0.05	2023	N/A	ppm	
Cadmium, Cd	ND @ 0.0001	2023	ND @ 0.0001	2023	0.005	ppm	
Chloride, Cl	2.2	2023	3.9	2023	250*	ppm	
Chromium, Cr	ND @ 0.002	2023	ND @ 0.002	2023	0.1	ppm	
Copper, Cu	0.06	2023	< 0.002	2023	1.3	ppm	
Cyanide, Cn	ND @ 0.003	2023	ND @ 0.003	2020	0.2	ppm	
Fluoride, F	ND @ 0.2	2023	ND @ 0.2	2023	4	ppm	
Iron, Fe	< 0.04	2023	ND @ 0.015	2023	0.3*	ppm	
Lead, Pb	< 0.0012**	2023	ND @ 0.0001	2023	0.015 AL	ppm	
Lithium, Li	ND @ 0.009	2023	ND @ 0.009	2023	N/A	ppm	
Manganese, Mn	ND @ 0.02	2023	ND @ 0.02	2023	0.05*	ppm	
Mercury, Hg	ND @ 0.0002	2023	ND @ 0.0002	2020	0.002	ppm	
Molybdenum, Mo	ND @ 0.001	2023	ND @ 0.001	2023	N/A	ppm	
Nickel, Ni	ND @ 0.0005	2023	ND @ 0.0005	2023	0.1	ppm	
Nitrate, NO₃	ND @ 0.2	2023	ND @ 0.2	2023	10	ppm	
Nitrite, NO ₂	ND @ 0.05	2023	ND @ 0.05	2023	1	ppm	
Selenium, Se	ND @ 0.001	2023	ND @ 0.001	2023	0.05	ppm	
Silver, Ag	ND @ 0.0005	2023	ND @ 0.0005	2023	0.1*	ppm	
Sulfate, SO ₄	1.2	2023	0.8	2023	250*	ppm	
Thallium, TI	ND @ 0.0005	2023	ND @ 0.0005	2023	0.002	ppm	
Vanadium, V	0.01	2023	ND @ 0.005	2023	N/A	ppm	
Zinc, Zn	ND @ 0.05	2023	ND @ 0.05	2023	5*	ppm	

^{*}Secondary standards, AL = Action Level

^{**}Lead was only detected in one of 12 samples in 2023 at this location. All other results were non-detect.

DISINFECTION BYPRODUCTS & PRECURSORS								
Analyte	Min	Sample Date	Max	Running AVG*	MCL	Unit		
HAA5	ND @ 3.0	2023	33.1	13.8	60**	ppb		
HAA6	ND @ 0.2	2018	1.4	0.6	N/A	ppb		
НАА9	ND @ 0.2	2018	17	7.2	N/A	ppb		
TTHMs	ND @ 0.5	2023	39.3	18.9	80**	ppb		
Bromate	ND @ 5	2023	ND @ 5	ND	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 (SAMPLED 2020)							
Ameluka	EP-Big Butte Springs	EP-Duff WTP,	MCL or Standard				
Analyte	EP-big butte springs	Rogue River	Level	Unit			
Gross Alpha	ND @ 3	ND @ 3	15	pCi/L			
Radium 226	ND @ 1	ND @ 1	N/A	pCi/L			
Radium 228	ND @ 1	ND @ 1	N/A	pCi/L			
Radon 222	88	N/A	N/A	pCi/L			
Uranium	ND @ .01	ND @ .01	30 µgl	μgl			

VOLATILE ORGANIC CHEMICALS (VOCs) @ EP						
	EP-Big Butte	Springs	EP-Duff WTP, Roo	MCL or Standard		
Analyte	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	2023	ND @ 0.0005	2023	0.2	ppm
1,1,2,2-Tetrachloroethane	ND @ 0.0005	2017	ND @ 0.0005	2020	N/A	ppm
1,1,2-Trichloroethane	ND @ 0.0005	2023	ND @ 0.0005	2023	0.005	ppm
1,1-Dichloroethane	ND @ 0.0005	2017	ND @ 0.0005	2020	0.005	ppm
1,1-Dichloroethylene	ND @ 0.0005	2023	ND @ 0.0005	2023	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	2023	ND @ 0.0005	2023	0.07	ppm
1,2-Dichloroethane	ND @ 0.0005	2023	ND @ 0.0005	2023	N/A	ppm
1,2-Dichloropropane	ND @ 0.0005	2023	ND @ 0.0005	2023	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	2023	ND @ 0.0005	2023	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	2023	ND @ 0.0005	2023	0.005	ppm
Chlorobenzene	ND @ 0.0005	2023	ND @ 0.0005	2023	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	2023	ND @ 0.0005	2023	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	2023	ND @ 0.0005	2023	0.005	ppm
Ethylbenzene	ND @ 0.0005	2023	ND @ 0.0005	2023	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	2023	ND @ 0.0005	2023	0.6	ppm
p-Chlorotoluene	ND @ 0.0005	2017	ND @ 0.0005	2020	0.6	ppm
p-Dichlorobenzene	ND @ 0.0005	2023	ND @ 0.0005	2023	0.075	ppm
Styrene	ND @ 0.0005	2023	ND @ 0.0005	2023	0.1	ppm
Tetrachloroethylene	ND @ 0.0005	2023	ND @ 0.0005	2023	0.005	ppm
Toluene	ND @ 0.0005	2023	ND @ 0.0005	2023	1	ppm
Trans-1,2-Dichloroethylene	ND @ 0.0005	2023	ND @ 0.0005	2023	0.1	ppm
Trichloroethylene	ND @ 0.0005	2023	ND @ 0.0005	2023	0.005	ppm
Vinyl Chloride	ND @ 0.0005	2023	ND @ 0.0005	2023	0.002	ppm
Xylenes, Total	ND @ 0.0005	2023	ND @ 0.0005	2023	0.002	ppm

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

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.

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.

TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water.

SYNTHETIC ORGANIC CHEMICALS ¹ @ EP						
A L	EP-Big But Springs	te	EP-Duff WTP, Rogue River		MCL or Standard	
Analyte	Amount Detected	Sample Date	Amount Detected	Sample Date	Level	Unit
1,2-Dibromo-3- Chloropropane (DBCP)	ND @ 0.0000202	2023	ND @ 0.0000202	2023	0.0002	ppm
2,4,5-TP(Silvex)	ND @ 0.005	2023	ND @ 0.005	2023	0.05	ppm
2,4-D	ND @ 0.001	2023	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	2023	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	2023	ND @ 0.00004	2023	0.0002	ppm
Bis (2-Ethylhexyl) adipate	ND @ 0.004	2023	ND @ 0.004	2023	0.4	ppm
Bis (2-ethylhexyl) phthalate	ND @ 0.002	2023	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	2023	ND @ 0.004	2023	0.04	ppm
Chlordane	ND @ 0.00025	2023	ND @ 0.00025	2023	0.002	ppm
Dalapon	ND @ 0.005	2023	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	2023	ND @ 0.0005	2023	0.007	ppm
Diquat	ND @ 0.002	2023	ND @ 0.002	2023	0.02	ppm
Endothall	ND @ 0.01	2023	ND @ 0.01	2023	0.1	ppm
Endrin	ND @ 0.00001	2023	ND @ 0.00001	2023	0.002	ppm
Ethylene dibromide (EDB)	ND @ 0.0005	2023	ND @ 0.0005	2023	0.00005	ppm
gamma-BHC (Lindane)	ND @ 0.00001	2023	ND @ 0.00001	2023	0.0002	ppm
Glyphosate	ND @ 0.05	2023	ND @ 0.05	2023	0.7	ppm
Heptachlor	ND @ 0.00001	2023	ND @ 0.00001	2023	0.0004	ppm
Heptachlor epoxide	ND @ 0.00001	2023	ND @ 0.00001	2023	0.0002	ppm
Hexachlorobenzene (HCB)	ND @ 0.0001	2023	ND @ 0.0001	2023	0.001	ppm
Hexachlorocyclopentadiene	ND @ 0.005	2023	ND @ 0.005	2023	0.05	ppm
Lasso (Alachlor)	ND @ 0.0002	2023	ND @ 0.0002	2023	0.002	ppm
Methomyl	ND @ 0.004	2017	ND @ 0.004	2020	N/A	ppm
Methoxychlor	ND @ 0.0001	2023	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	2023	ND @ 0.004	2023	0.2	ppm
Pentachlorophenol	ND @ 0.0001	2023	ND @ 0.0001	2023	0.001	ppm
Picloram	ND @ 0.005	2023	ND @ 0.005	2023	0.5	ppm
Polychlorinated biphenyls (PCBs)	ND @ 0.00025	2023	ND @ 0.00025	2023	0.0005	ppm
Propachlor	ND @ 0.0004	2017	ND @ 0.0004	2020	N/A	ppm
Simazine	ND @ 0.0004	2023	ND @ 0.0004	2023	0.004	ppm
Toxaphene	ND @ 0.0003	2023	ND @ 0.0003	2023	0.003	ppm
¹ Synthetic Organic Chemicals with N/A as the MCL are currently unregulated.						



ADDITIONAL UNREGULATED CONTAMINANTS @ EP							
	EP-Big Butte	Springs	EP-Duff WTP, Rogue River		MCL or Standard		
Analyte	Amount Detected	Sample Date	Amount Detected	Sample Date	Level	Unit	
Chromium 6	0.2	2015	0.1	2014	N/A	ppb	
Chlorate	ND @ 10.0	2023	226.6	2023	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	

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Analyte	EP-Big Butte	· · · · · · · · · · · · · · · · · · ·		Standard
ŕ	Springs	Rogue River	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	N/A	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
PFDoA	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	N/A	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	N/A	ppb
PFOS	ND @0.004	ND @ 0.004	N/A	ppb
PFOA	ND @ 0.004	ND @ 0.004	N/A	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
PFTrDA	ND @ 0.007	ND @ 0.007	N/A	ppb

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 COMMISSION WATER QUALITY (541) 774-2430 medfordwater.org







JACKSON COUNTY
ENVIRONMENTAL
PUBLIC HEALTH SERVICES
(541) 774-8206
jacksoncountyor.org

OREGON HEALTH AUTHORITY DRINKING WATER SERVICES (971) 673-0405 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

MEDFORD WATER

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

COMMISSIONERS

Bob Strosser • David Wright Jason Anderson • Mike Smith • John Dailey

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