



# **MEDFORD WATER**

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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 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 QUALITY & TREATMENT DIRECTOR

Ben Klayman, PhD, PE



Medford Water obtains its water from two high quality sources: Big Butte Springs (our primary source), located approximately thirty miles northeast of Medford, and the Rogue River (a supplemental source when summer demands exceed the capacity of the Springs; typically from April to November).

Water from both of these sources is regularly tested for basic physical characteristics and a vast array of 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.

The levels of certain contaminants are regulated by the U.S. Environmental Protection Agency (EPA) and administered by the Oregon Health Authority, Drinking Water Services. The drinking water standards are set into two categories; primary standards, called Maximum Contaminant Levels (MCLs), are mandatory and establish limits for various substances that have been found to adversely affect human health. Secondary standards relate to aesthetic qualities of the water but are not necessarily harmful, and are considered recommended guidelines.

We conduct water quality testing on a large list of parameters, and during 2021 we conducted over 10,000 analyses. We are proud to report that all results for 2021 met or exceeded all state and federal health standards.

This report provides a comprehensive listing of current test results. Where applicable, the tables indicate the MCL allowed in water. Those substances subject only to the secondary standard are identified with an asterisk (\*). Definitions and explanations have also been included to provide assistance in understanding the tables.



GENERAL PARAMETERS @ EP					
Analyte	EP-Big Butte Springs	EP-Duff WTP, Rogue River	MCL or S Level	Standard Unit	
Gallons Served	7.3 billion	4.1 billion	N/A	Gallons	
Free Chlorine Residual	0.6	0.8	4	ppm	
Temperature	9.0	14.6	N/A	Deg C	
рН	7.0	7.3	BBS > 6.8 Duff > 7.0	pH Units	
Specific Conductance	115	88	N/A	uS/cm	
Alkalinity as CaCO₃	53	37	N/A	ppm	
Potassium	1.3	1.2	N/A	ppm	
Total Hardness as CaCO₃	42	30	N/A	ppm	
Magnesium	5.3	2.9	N/A	ppm	
Calcium	8.1	7.3	N/A	ppm	
Silica, SiO <sub>2</sub>	38	27	N/A	ppm	
Sodium	6.8	6.0	20*	ppm	
Total Dissolved Solids	87	70	500*	ppm	
Total Organic Carbon	< 0.3	0.8	N/A	ppm	
Turbidity (Year Average)	0.3	0.4	N/A	NTU	
*Secondary standards					

MICROBIOLOGICAL ANALYSIS					
Analyte	Amount Detected	MCL or S Level	tandard Unit		
Total Coliform Bacteria <sup>1</sup>	Zero positive samples	T	T		
Total Microcystin <sup>2</sup>	ND @ 0.08	N/A	ppb		
Cylindrospermopsin <sup>2</sup>	ND @ 0.09	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 2021 and no coliforms were ever detected in Medford Water's system.

<sup>2</sup> Microcystin and Cylindrospermopsin are toxins produced by naturally occurring algae which tend to grow in warm, stagnant water. No algal toxin was detected in either our source or our source water during 2021.

LEAD AND COPPER SAMPLING AT RESIDENTIAL WATER TAPS				
Analyte	Amount Detected	MCL		
Copper (2019 Results)	90th percentile value = <b>0.8</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 (2019 Results)	90th percentile value = <b>0.9</b> ppb No samples exceeded action level.	Action Level: 90% of the homes tested must have lead levels less than <b>15</b> parts per billion.		

There is virtually no lead or copper in either of Medford Water's supply sources. However, since these 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, it has been found that our water does not tend to promote the leaching of these minerals in amounts that would normally be considered a health concern.



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.

umhos/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.

testing level, below the MC	typically well

INORGANIC CHEMICALS* @ EP					
Analyte	EP-Big Butte Springs	EP-Duff WTP, Rogue River	MCL or Standard Level Unit		
Aluminum, Al	< 0.06	ND @ 0.01	0.05 to 0.2*	ppm	
Antimony, Sb	ND @ 0.0005	ND @ 0.0005	0.006	ppm	
Arsenic, As	ND @ 0.001	ND @ 0.001	0.01	ppm	
Barium, Ba	< 0.005	< 0.007	2	ppm	
Beryllium, Be	ND @ 0.0005	ND @ 0.0005	0.004	ppm	
Boron, B	ND @ 0.05	ND @ 0.05	N/A	ppm	
Cadmium, Cd	ND @ 0.0001	ND @ 0.0001	0.005	ppm	
Chloride, Cl	2.4	4.0	250*	ppm	
Chromium, Cr	ND @ 0.002	ND @ 0.002	0.1	ppm	
Copper, Cu	0.04	< 0.002	1.0*	ppm	
Cyanide, Cn	ND @ 0.003	ND @ 0.003	0.2	ppm	
Fluoride, F	ND @ 0.2	ND @ 0.2	4	ppm	
Iron, Fe	< 0.04	ND @ 0.015	0.3*	ppm	
Lead, Pb	< 0.0006	ND @ 0.0001	0.015 AL	ppm	
Lithium, Li	ND @ 0.1	ND @ 0.1	N/A	ppm	
Manganese, Mn	ND @ 0.02	ND @ 0.02	0.05*	ppm	
Mercury, Hg	ND @ 0.0002	ND @ 0.0002	0.002	ppm	
Molybdenum, Mo	ND @ 0.001	ND @ 0.001	N/A	ppm	
Nickel, Ni	< 0.0007	ND @ 0.0005	0.1	ppm	
Nitrate, NO <sub>3</sub>	ND @ 0.2	ND @ 0.2	10	ppm	
Nitrite, NO <sub>2</sub>	ND @ 0.05	ND @ 0.05	1	ppm	
Selenium, Se	ND @ 0.001	ND @ 0.001	0.05	ppm	
Silver, Ag	ND @ 0.0005	ND @ 0.0005	0.1*	ppm	
Sulfate, SO <sub>4</sub>	1.5	1.1	250*	ppm	
Thallium, Tl	ND @ 0.0005	ND @ 0.0005	0.002	ppm	
Vanadium, V	0.01	ND @ 0.005	N/A	ppm	
Zinc, Zn	ND @ 0.05	ND @ 0.05	5*	ppm	
*Secondary standards	s, AL = Action Level				

DISINFECTION BYPRODUCTS & PRECURSORS					
Analyte	Min	Max	Running AVG	MCL	Unit
HAA5	ND @ 3.0	24.4	9.4	60	ppb
НАА6	ND @ 0.2	1.4	0.6	N/A	ppb
НАА9	ND @ 0.2	17	7.2	N/A	ppb
TTHMs	ND @ 0.5	23.8	13.1	80	ppb
Bromate	ND @ 5	ND @ 5	ND	10	ppb

RADIOLOGICALS						
Analyte	EP-Big Butte Springs	EP-Duff WTP, Rogue River	MCL or S Level	tandard 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		



VOLATI	LE ORGANIC CH	EMICALS (VOCs)	@ EP	
Analyte	EP-Big Butte Springs	EP-Duff WTP, Rogue River	MCL or Level	Standard Unit
Benzene	ND @ 0.0005	ND @ 0.0005	0.005	ppm
1,2,4-Trichlorobenzene	ND @ 0.0005	ND @ 0.0005	0.07	ppm
Ethylbenzene	ND @ 0.0005	ND @ 0.0005	0.7	ppm
Monochlorobenzene	ND @ 0.0005	ND @ 0.0005	0.1	ppm
m-Dichlorobenzene	ND @ 0.0005	ND @ 0.0005	N/A	ppm
o-Dichlorobenzene	ND @ 0.0005	ND @ 0.0005	0.6	ppm
p-Dichlorobenzene	ND @ 0.0005	ND @ 0.0005	0.075	ppm
Bromobenzene	ND @ 0.0005	ND @ 0.0005	N/A	ppm
Carbon Tetrachloride	ND @ 0.0005	ND @ 0.0005	0.005	ppm
Chloroethane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
Chloroform	ND @ 0.0005	0.011	N/A	ppm
1,1-Dichloroethane	ND @ 0.0005	ND @ 0.0005	0.005	ppm
1,2-Dichloroethane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
1,1,1-Trichloroethane	ND @ 0.0005	ND @ 0.0005	0.2	ppm
1,1,2-Trichloroethane	ND @ 0.0005	ND @ 0.0005	0.005	ppm
1,1,1,2-Tetrachloroethane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
1,1,2,2-Tetrachloroethane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
1,1-Dichloroethylene	ND @ 0.0005	ND @ 0.0005	0.007	ppm
cis-1,2-Dichloroethylene	ND @ 0.0005	ND @ 0.0005	0.07	ppm
trans-1,2-Dichloroethylene	ND @ 0.0005	ND @ 0.0005	0.1	ppm
Trichloroethylene	ND @ 0.0005	ND @ 0.0005	0.005	ppm
Tetrachloroethylene	ND @ 0.0005	ND @ 0.0005	0.005	ppm
Bromomethane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
Dibromomethane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
Chloromethane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
Dichloromethane	ND @ 0.0005	ND @ 0.0005	0.005	ppm
Bromodichloromethane	ND @ 0.0005	0.0012	N/A	ppm
Dibromochloromethane	ND @ 0.0002	ND @ 0.0002	N/A	ppm
MTBE	ND @ 0.0005	ND @ 0.0005	N/A	ppm
Dibromochloropropane (DBCP)	ND @ 0.0000202	ND @ 0.0000202	0.0002	ppm
1,2-Dichloropropane	ND @ 0.0005	ND @ 0.0005	0.005	ppm
1,3-Dichloropropane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
2,2-Dichloropropane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
1,2,3-Trichloropropane	ND @ 0.0005	ND @ 0.0005	N/A	ppm
1,1-Dichloropropene	ND @ 0.0005	ND @ 0.0005	N/A	ppm
1,3-Dichloropropene	ND @ 0.0005	ND @ 0.0005	N/A	ppm
Styrene	ND @ 0.0005	ND @ 0.0005	0.1	ppm
Toluene	ND @ 0.0005	ND @ 0.0005	1	ppm
o-Chlorotoluene	ND @ 0.0005	ND @ 0.0005	N/A	ppm
p-Chlorotoluene	ND @ 0.0005	ND @ 0.0005	0.6	ppm
Vinyl Chloride	ND @ 0.0005	ND @ 0.0005	0.002	ppm
Xylenes, Total	ND @ 0.0005	ND @ 0.0005	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 valve turning and hydrant 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.

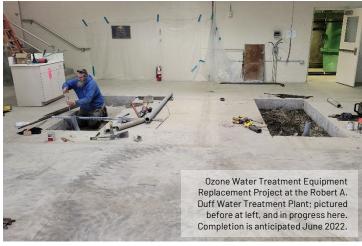
Analyte         EP-Big Butte Springs         EP-Duff WTP, Rogue River         MCL or Standard Level         Unit           2,4-5-TP (Silvex)         ND @ 0.005         ND @ 0.005         0.05         ppm           2,4-D         ND @ 0.0001         ND @ 0.0002         0.002         ppm           Alachlor         ND @ 0.0002         ND @ 0.0002         0.002         ppm           Aldicarb         ND @ 0.004         ND @ 0.0004         N/A         ppm           Aldicarb sulfone         ND @ 0.004         ND @ 0.0004         N/A         ppm           Aldicarb sulfoxide         ND @ 0.004         ND @ 0.0004         N/A         ppm           Aldrin         ND @ 0.0003         ND @ 0.0002         ppm           Baygon         ND @ 0.0004         ND @ 0.0004         ND @ 0.0002         ppm         Benzo(a) pyrene         ND @ 0.00003         ND @ 0.0004         N/A         ppm           Butachlor         ND @ 0.0003         ND @ 0.0004         ND @ 0.0002         ND @ 0.0002         ppm           Butachlor         ND @ 0.0003         ND @ 0.0004         ND @ 0.0004         ND @ 0.0004         ND @ 0.0004         ND @ 0.0002         ND @ 0.	SYNTHETIC ORGANIC CHEMICALS <sup>1</sup> @ EP					
2,4-D         ND @ 0.001         ND @ 0.001         0.07         ppm           Alachlor         ND @ 0.0002         ND @ 0.0002         0.002         ppm           Aldicarb         ND @ 0.004         ND @ 0.004         N/A         ppm           Aldicarb sulfone         ND @ 0.004         ND @ 0.004         N/A         ppm           Aldicarb sulfoxide         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Aldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Atrazine         ND @ 0.0003         ND @ 0.0003         0.003         ppm           Baygon         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Benzo(a) pyrene         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Butachlor         ND @ 0.0004         ND @ 0.0003         N/A         ppm           Butachlor         ND @ 0.0004         ND @ 0.0003         N/A         ppm           Butachlor         ND @ 0.0004         ND @ 0.0003         N/A         ppm           Butachlor         ND @ 0.0004         ND @ 0.0003         N/A         ppm           Butachlor         ND @ 0.0004         ND @ 0.0004         N/A         ppm <th>Analyte</th> <th>_</th> <th></th> <th></th> <th></th>	Analyte	_				
Alachlor         ND @ 0.0002         ND @ 0.0002         0.002         ppm           Aldicarb         ND @ 0.004         ND @ 0.004         N/A         ppm           Aldicarb sulfone         ND @ 0.004         ND @ 0.004         N/A         ppm           Aldicarb sulfoxide         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Aldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Aldrin         ND @ 0.0003         ND @ 0.0003         0.003         ppm           Baygon         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Benzo(a) pyrene         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Butachlor         ND @ 0.0003         ND @ 0.0004         N/A         ppm           Butachlor         ND @ 0.0003         ND @ 0.0004         N/A         ppm           Carbaryl         ND @ 0.0003         ND @ 0.0004         N/A         ppm           Carbofuran         ND @ 0.0004         ND @ 0.004         N/A         ppm           Carbofuran         ND @ 0.0004         ND @ 0.0004         0.07         ppm           Chlordane         ND @ 0.0005         ND @ 0.0002         0.000         0.0	2,4,5-TP(Silvex)	ND @ 0.005	ND @ 0.005	0.05	ppm	
Aldicarb         ND @ 0.004         ND @ 0.004         N/A         ppm           Aldicarb sulfone         ND @ 0.004         ND @ 0.004         N/A         ppm           Aldicarb sulfoxide         ND @ 0.0001         ND @ 0.0001         N/A         ppm           Aldrin         ND @ 0.0003         ND @ 0.0003         ND @ 0.0003         ND @ 0.0003         Ppm           Atrazine         ND @ 0.0004         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Baygon         ND @ 0.0004         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Benzo(a) pyrene         ND @ 0.0003         ND @ 0.0004         ND @ 0.0002         ppm           Butachlor         ND @ 0.0003         ND @ 0.0003         N/A         ppm           Butachlor         ND @ 0.0003         ND @ 0.0004         N/A         ppm           Carbaryl         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Carbaryl         ND @ 0.004         ND @ 0.0004         N/A         ppm           Carbaryl         ND @ 0.004         ND @ 0.0004         ND @ 0.0004         ND @ 0.0002         ND @ 0.0002         ND @ 0.0002         DD @ D.0002         DD Q D.0002         DD Q D.0002         DD Q D.0002	2,4-D	ND @ 0.001	ND @ 0.001	0.07	ppm	
Aldicarb sulfone         ND @ 0.004         ND @ 0.004         N/A         ppm           Aldicarb sulfoxide         ND @ 0.004         ND @ 0.004         N/A         ppm           Aldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Atrazine         ND @ 0.0003         ND @ 0.0003         0.003         ppm           Baygon         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Benzo(a) pyrene         ND @ 0.0004         ND @ 0.0004         ND @ 0.0002         ppm           Butachlor         ND @ 0.0003         ND @ 0.0004         ND @ 0.0004         N/A         ppm            Carbaryl         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Carbofuran         ND @ 0.004         ND @ 0.004         N/A         ppm           3-Hydroxycarbofuran         ND @ 0.0004         ND @ 0.004         0.07         ppm           Chlordane         ND @ 0.0005         ND @ 0.0005         0.002         ppm           Dialpon         ND @ 0.0005         ND @ 0.0005         0.2         ppm           bis(2-Ethylhexyl)ladipate         ND @ 0.0004         ND @ 0.0005         ND @ 0.0006         0.2         ppm           Discamba	Alachlor	ND @ 0.0002	ND @ 0.0002	0.002	ppm	
Aldicarb sulfoxide         ND @ 0.004         ND @ 0.004         N/A         ppm           Aldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Atrazine         ND @ 0.0003         ND @ 0.0003         0.003         ppm           Baygon         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Benzo(a) pyrene         ND @ 0.0004         ND @ 0.0004         0.0002         ppm           Butachlor         ND @ 0.0004         ND @ 0.0003         N/A         ppm           Butachlor         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Carbaryl         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Carbofuran         ND @ 0.0004         ND @ 0.0004         N/A         ppm           3-Hydroxycarbofuran         ND @ 0.0004         ND @ 0.0004         0.07         ppm           Chlordane         ND @ 0.00025         ND @ 0.0002         ppm         Discarbofuran         ND @ 0.0002         ND @ 0.0002         ppm           Discarbofuran         ND @ 0.0005         ND @ 0.0005         ND @ 0.0002         ppm         Discarbofuran         ND @ 0.0002         ND @ 0.0006         Ppm         Discarbofuran         ND @ 0.0006	Aldicarb	ND @ 0.004	ND @ 0.004	N/A	ppm	
Aldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Atrazine         ND @ 0.0003         ND @ 0.0003         0.003         ppm           Baygon         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Benzo(a) pyrene         ND @ 0.00004         ND @ 0.00004         N/A         ppm           Benzo(a) pyrene         ND @ 0.0003         ND @ 0.00003         N/A         ppm           Butachlor         ND @ 0.0003         ND @ 0.0003         N/A         ppm           Carbaryl         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Carbofuran         ND @ 0.004         ND @ 0.004         0.04         ppm           3-Hydroxycarbofuran         ND @ 0.002         ND @ 0.0004         0.07         ppm           Chlordane         ND @ 0.0002         ND @ 0.0002         ppm         Diagon         ND @ 0.0002         ppm           Dalapon         ND @ 0.0005         ND @ 0.0005         0.2         ppm           bis(2-Ethylhexyl)adipate         ND @ 0.0004         ND @ 0.0005         0.2         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.000         ND @ 0.000         0.006         ppm           Dicamba	Aldicarb sulfone	ND @ 0.004	ND @ 0.004	N/A	ppm	
Atrazine         ND @ 0.0003         ND @ 0.0003         0.003         ppm           Baygon         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Benzo(a) pyrene         ND @ 0.00004         ND @ 0.00004         0.0002         ppm           Butachlor         ND @ 0.0003         ND @ 0.0003         N/A         ppm           Carbaryl         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Carbofuran         ND @ 0.004         ND @ 0.004         0.04         ppm           3-Hydroxycarbofuran         ND @ 0.0002         ND @ 0.0004         0.07         ppm           Chlordane         ND @ 0.00025         ND @ 0.0002         ppm           Dalapon         ND @ 0.0005         ND @ 0.0002         ppm           bis(2-Ethylhexyl)adipate         ND @ 0.002         ND @ 0.0004         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.002         ND @ 0.0005         N/A         ppm           Dieddrin         ND @ 0.0005         ND @ 0.00001         N/A         ppm           Dieddrin         ND @ 0.00005         ND @ 0.00001         N/A         ppm     <	Aldicarb sulfoxide	ND @ 0.004	ND @ 0.004	N/A	ppm	
Baygon         ND @ 0.004         ND @ 0.0004         N/A         ppm           Benzo(a) pyrene         ND @ 0.00004         ND @ 0.00002         ppm           Butachlor         ND @ 0.0003         ND @ 0.0003         N/A         ppm           Carbaryl         ND @ 0.004         ND @ 0.004         N/A         ppm           Carbofuran         ND @ 0.004         ND @ 0.004         0.04         ppm           3-Hydroxycarbofuran         ND @ 0.004         ND @ 0.004         0.07         ppm           Chlordane         ND @ 0.00025         ND @ 0.00025         0.002         ppm           Dalapon         ND @ 0.0005         ND @ 0.0005         0.2         ppm           bis(2-Ethylhexyl)adipate         ND @ 0.004         ND @ 0.002         D.00         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.002         ND @ 0.002         N/A         ppm           Dicladrin         ND @ 0.0005         ND @ 0.0005         N/A         ppm           Diquat         ND @ 0.00005         ND @ 0.00005         ND @ 0.0007         ppm           Endothall         ND @ 0.0001         ND @ 0.0001	Aldrin	ND @ 0.00001	ND @ 0.00001	N/A	ppm	
Benzo(a) pyrene         ND @ 0.00004         ND @ 0.00004         0.00002         ppm           Butachlor         ND @ 0.0003         ND @ 0.0003         N/A         ppm           Carbaryl         ND @ 0.004         ND @ 0.004         N/A         ppm           Carbofuran         ND @ 0.004         ND @ 0.0004         0.04         ppm           3-Hydroxycarbofuran         ND @ 0.004         ND @ 0.0004         0.07         ppm           Chlordane         ND @ 0.00025         ND @ 0.0002         0.002         ppm           Dalapon         ND @ 0.0005         ND @ 0.0005         0.2         ppm           Dis(2-Ethylhexyl)adipate         ND @ 0.002         ND @ 0.0004         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.005         ND @ 0.002         NA         ppm           Diedrin         ND @ 0.0005         ND @ 0.0005         N/A         ppm           Diquat         ND @ 0.0005         ND @ 0.0005         ND @ 0.0007         ppm           Endrin         ND @ 0.0001         ND @ 0.0001         ND @ 0.0002         ppm           Endrin         ND @ 0.00001         ND @ 0.0001	Atrazine	ND @ 0.0003	ND @ 0.0003	0.003	ppm	
Butachlor         ND @ 0.0003         ND @ 0.0003         N/A         ppm           Carbaryl         ND @ 0.004         ND @ 0.004         N/A         ppm           Carbofuran         ND @ 0.004         ND @ 0.004         0.04         ppm           3-Hydroxycarbofuran         ND @ 0.0025         ND @ 0.0004         0.07         ppm           Chlordane         ND @ 0.0025         ND @ 0.00025         0.002         ppm           Dalapon         ND @ 0.005         ND @ 0.0005         0.2         ppm           bis(2-Ethylhexyl)adipate         ND @ 0.004         ND @ 0.004         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.06         ppm           Dicamba         ND @ 0.005         ND @ 0.005         N/A         ppm           Dieldrin         ND @ 0.0005         ND @ 0.0005         N/A         ppm           Diquat         ND @ 0.0005         ND @ 0.0005         ND @ 0.0007         ppm           Endothall         ND @ 0.002         ND @ 0.0002         D.02         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.00001 <td>Baygon</td> <td>ND @ 0.004</td> <td>ND @ 0.004</td> <td>N/A</td> <td>ppm</td>	Baygon	ND @ 0.004	ND @ 0.004	N/A	ppm	
Carbaryl         ND @ 0.004         ND @ 0.004         N/A         ppm           Carbofuran         ND @ 0.004         ND @ 0.004         0.04         ppm           3-Hydroxycarbofuran         ND @ 0.00025         ND @ 0.0002         ppm           Chlordane         ND @ 0.00025         ND @ 0.00025         0.002         ppm           Dalapon         ND @ 0.005         ND @ 0.005         0.2         ppm           bis(2-Ethylhexyl)adipate         ND @ 0.004         ND @ 0.004         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.005         ND @ 0.005         N/A         ppm           Dicamba         ND @ 0.0005         ND @ 0.0005         N/A         ppm           Dicamba         ND @ 0.0005         ND @ 0.0005         N/A         ppm           Dicamba         ND @ 0.0005         ND @ 0.0005         N/A         ppm           Dicamba         ND @ 0.0005         ND @ 0.0005         N/A         ppm           Dicamba         ND @ 0.0005         ND @ 0.0001         N/A         ppm           Dicamba         ND @ 0.0005         ND @ 0.00001         N/A         ppm <td>Benzo(a) pyrene</td> <td>ND @ 0.00004</td> <td>ND @ 0.00004</td> <td>0.0002</td> <td>ppm</td>	Benzo(a) pyrene	ND @ 0.00004	ND @ 0.00004	0.0002	ppm	
Carbofuran         ND @ 0.004         ND @ 0.004         0.04         ppm           3-Hydroxycarbofuran         ND @ 0.004         ND @ 0.004         0.07         ppm           Chlordane         ND @ 0.00025         ND @ 0.00025         0.002         ppm           Dalapon         ND @ 0.005         ND @ 0.005         0.2         ppm           bis(2-Ethylhexyl)adipate         ND @ 0.004         ND @ 0.004         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.005         ND @ 0.002         N/A         ppm           Dieldrin         ND @ 0.005         ND @ 0.0005         N/A         ppm           Dinoseb         ND @ 0.0005         ND @ 0.0005         N/A         ppm           Diquat         ND @ 0.0005         ND @ 0.0002         0.02         ppm           Endothall         ND @ 0.002         ND @ 0.002         0.02         ppm           Endrin         ND @ 0.0001         ND @ 0.0001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0005         0.7         ppm           Glyphosate         ND @ 0.0001         ND @ 0.0001         <	Butachlor	ND @ 0.0003	ND @ 0.0003	N/A	ppm	
3-Hydroxycarbofuran         ND @ 0.004         ND @ 0.004         0.07         ppm           Chlordane         ND @ 0.00025         ND @ 0.00025         0.002         ppm           Dalapon         ND @ 0.005         ND @ 0.005         0.2         ppm           bis(2-Ethylhexyl)adipate         ND @ 0.004         ND @ 0.004         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.005         ND @ 0.005         N/A         ppm           Dieldrin         ND @ 0.0005         ND @ 0.0005         N/A         ppm           Dinoseb         ND @ 0.0005         ND @ 0.0005         ND @ 0.0007         ppm           Diquat         ND @ 0.0002         ND @ 0.0002         0.02         ppm           Endothall         ND @ 0.001         ND @ 0.001         0.1         ppm           Endrin         ND @ 0.0001         ND @ 0.0001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0001         0.0002         ppm           Glyphosate         ND @ 0.0000 <t< td=""><td>Carbaryl</td><td>ND @ 0.004</td><td>ND @ 0.004</td><td>N/A</td><td>ppm</td></t<>	Carbaryl	ND @ 0.004	ND @ 0.004	N/A	ppm	
Chlordane         ND @ 0.00025         ND @ 0.00025         0.002         ppm           Dalapon         ND @ 0.005         ND @ 0.005         0.2         ppm           bis(2-Ethylhexyl)adipate         ND @ 0.004         ND @ 0.004         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.005         ND @ 0.005         N/A         ppm           Dicamba         ND @ 0.0001         ND @ 0.0005         N/A         ppm           Dicamba         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dicamba         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dicamba         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dicamba         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dicamba         ND @ 0.00005         ND @ 0.00001         N/A         ppm           Dicamba         ND @ 0.00005         ND @ 0.00001         N/A         ppm           Dicamba         ND @ 0.00001         ND @ 0.0001         ND @ 0.0002         ppm           Dicamba         ND @ 0.0001         ND @ 0.0001         ND @ 0.0001	Carbofuran	ND @ 0.004	ND @ 0.004	0.04	ppm	
Dalapon         ND @ 0.005         ND @ 0.005         0.2         ppm           bis(2-Ethylhexyl)adipate         ND @ 0.004         ND @ 0.004         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.005         ND @ 0.005         N/A         ppm           Dieldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dinoseb         ND @ 0.0005         ND @ 0.0005         0.007         ppm           Diquat         ND @ 0.0002         ND @ 0.0002         0.02         ppm           Endothall         ND @ 0.001         ND @ 0.001         0.1         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor benzene (HCB)         ND @ 0	3-Hydroxycarbofuran	ND @ 0.004	ND @ 0.004	0.07	ppm	
bis(2-Ethylhexyl)adipate         ND @ 0.004         ND @ 0.004         0.4         ppm           bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.005         ND @ 0.005         N/A         ppm           Dieldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dinoseb         ND @ 0.0005         ND @ 0.0005         0.007         ppm           Diquat         ND @ 0.002         ND @ 0.002         0.02         ppm           Endothall         ND @ 0.001         ND @ 0.001         0.1         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0005         0.7         ppm           gamma-BHC (Lindane)         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.05         ND @ 0.05         0.7         ppm           Heptachlor epoxide         ND @ 0.0001         ND @ 0.0001         0.0002         ppm           Heytachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @	Chlordane	ND @ 0.00025	ND @ 0.00025	0.002	ppm	
bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.005         ND @ 0.005         N/A         ppm           Dieldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dinoseb         ND @ 0.0005         ND @ 0.0005         0.007         ppm           Diquat         ND @ 0.002         ND @ 0.002         0.02         ppm           Endothall         ND @ 0.001         ND @ 0.001         0.1         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.00005         ND @ 0.00005         0.7         ppm           Ethylene dibromide (EDB)         ND @ 0.00005         ND @ 0.00001         0.0002         ppm           Ethylene dibromide (EDB)         ND @ 0.00005         ND @ 0.00005         0.7         ppm           Glyphosate         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heytachlor popoxide         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB) <td>Dalapon</td> <td>ND @ 0.005</td> <td>ND @ 0.005</td> <td>0.2</td> <td>ppm</td>	Dalapon	ND @ 0.005	ND @ 0.005	0.2	ppm	
bis(2-ethylhexyl)phthalate         ND @ 0.002         ND @ 0.002         0.006         ppm           Dicamba         ND @ 0.005         ND @ 0.005         N/A         ppm           Dieldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dinoseb         ND @ 0.0005         ND @ 0.0005         0.007         ppm           Diquat         ND @ 0.002         ND @ 0.002         0.02         ppm           Endothall         ND @ 0.001         ND @ 0.001         0.1         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.00005         ND @ 0.00005         0.7         ppm           Ethylene dibromide (EDB)         ND @ 0.00005         ND @ 0.00005         0.7         ppm           Glyphosate         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.005         ND @ 0.00001         0.0002         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Hexachlorobenzene (HCB)         ND @ 0.00001         ND @ 0.0001         0.0001         ppm           Hexachlorocyclopentadiene         <	bis(2-Ethylhexyl)adipate	ND @ 0.004	ND @ 0.004	0.4	ppm	
Dieldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dinoseb         ND @ 0.0005         ND @ 0.0005         0.007         ppm           Diquat         ND @ 0.002         ND @ 0.002         0.02         ppm           Endothall         ND @ 0.001         ND @ 0.001         0.1         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0005         0.7         ppm           gamma-BHC (Lindane)         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.05         ND @ 0.005         0.7         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm		ND @ 0.002	ND @ 0.002	0.006	ppm	
Dieldrin         ND @ 0.00001         ND @ 0.00001         N/A         ppm           Dinoseb         ND @ 0.0005         ND @ 0.0005         0.007         ppm           Diquat         ND @ 0.002         ND @ 0.002         0.02         ppm           Endothall         ND @ 0.01         ND @ 0.001         0.1         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0005         0.7         ppm           gamma-BHC (Lindane)         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.05         ND @ 0.05         0.7         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heytachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Methomyl         ND @ 0.0004         ND @ 0.0004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	Dicamba	ND @ 0.005	ND @ 0.005	N/A		
Dinoseb         ND @ 0.0005         ND @ 0.0005         0.007         ppm           Diquat         ND @ 0.002         ND @ 0.002         0.02         ppm           Endothall         ND @ 0.01         ND @ 0.01         0.1         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0005         0.7         ppm           gamma-BHC (Lindane)         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.05         ND @ 0.05         0.7         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heytachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	Dieldrin	ND @ 0.00001	ND @ 0.00001	N/A		
Diquat         ND @ 0.002         ND @ 0.002         0.02         ppm           Endothall         ND @ 0.01         ND @ 0.01         0.1         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0005         0.7         ppm           gamma-BHC (Lindane)         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.05         ND @ 0.05         0.7         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	Dinoseb	ND @ 0.0005	ND @ 0.0005	0.007		
Endothall         ND @ 0.01         ND @ 0.01         0.1         ppm           Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0005         0.7         ppm           gamma-BHC (Lindane)         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.05         ND @ 0.05         0.7         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.005         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	Diquat	ND @ 0.002	ND @ 0.002	0.02		
Endrin         ND @ 0.00001         ND @ 0.00001         0.002         ppm           Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0005         0.7         ppm           gamma-BHC (Lindane)         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.05         ND @ 0.05         0.7         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.005         ND @ 0.005         0.05         ppm           Methomyl         ND @ 0.0004         ND @ 0.0001         0.04         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	Endothall	ND @ 0.01	ND @ 0.01	0.1		
Ethylene dibromide (EDB)         ND @ 0.0005         ND @ 0.0005         0.7         ppm           gamma-BHC (Lindane)         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.05         ND @ 0.05         0.7         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.005         ND @ 0.005         0.05         ppm           Methomyl         ND @ 0.004         ND @ 0.0001         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	Endrin	ND @ 0.00001	ND @ 0.00001	0.002		
gamma-BHC (Lindane)         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Glyphosate         ND @ 0.05         ND @ 0.05         0.7         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.005         ND @ 0.005         0.05         ppm           Methomyl         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	Ethylene dibromide (EDB)	ND @ 0.0005	ND @ 0.0005	0.7		
Glyphosate         ND @ 0.05         ND @ 0.05         0.7         ppm           Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.005         ND @ 0.005         0.05         ppm           Methomyl         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm		ND @ 0.00001	ND @ 0.00001	0.0002		
Heptachlor epoxide         ND @ 0.00001         ND @ 0.00001         0.0002         ppm           Heptachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.005         ND @ 0.005         0.05         ppm           Methomyl         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm		_				
Heptachlor         ND @ 0.00001         ND @ 0.00001         0.0004         ppm           Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.005         ND @ 0.005         0.05         ppm           Methomyl         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	,,	_	_			
Hexachlorobenzene (HCB)         ND @ 0.0001         ND @ 0.0001         0.001         ppm           Hexachlorocyclopentadiene         ND @ 0.005         ND @ 0.005         0.05         ppm           Methomyl         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm			_	0.0004		
Hexachlorocyclopentadiene         ND @ 0.005         ND @ 0.005         0.05         ppm           Methomyl         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	•		ND @ 0.0001	0.001		
Methomyl         ND @ 0.004         ND @ 0.004         N/A         ppm           Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm		_	_			
Methoxychlor         ND @ 0.0001         ND @ 0.0001         0.04         ppm	, ,	_	_			
	Methoxychlor					
PIELUIACIIIUI ND (© U.UUU4 N/A DDM	Metolachlor	ND @ 0.0004	ND @ 0.0004	N/A	ppm	
Metribuzin ND @ 0.0004 ND @ 0.0004 N/A ppm						
Oxamyl (Vydate) ND @ 0.004 ND @ 0.004 0.2 ppm						
Pentachlorophenol ND @ 0.0001 ND @ 0.0001 ppm						
Picloram ND @ 0.005 ND @ 0.005 0.5 ppm						
Polychlorinated biphenyls (PCBs) ND @ 0.00025 ND @ 0.00025 ppm						
Propachlor ND @ 0.0004 ND @ 0.0004 N/A ppm		ND @ 0.0004	ND @ 0.0004	N/A	ppm	
Simazine ND @ 0.0004 ND @ 0.0004 ppm			_			
Toxaphene ND @ 0.0003 ND @ 0.0003 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 S Level	tandard Unit	
Chromium 6	0.2	0.1	N/A	ppb	
Chlorate	16	195	N/A	ppb	
Strontium	71	53	N/A	ppb	
PFOS	ND @ 0.02	ND @ 0.02	N/A	ppb	
PFOA	ND @ 0.04	ND @ 0.04	N/A	ppb	
germanium	ND @ 0.3	ND @ 0.3	N/A	ppb	
alpha-hexachlorocyclohexane	ND @ 0.01	ND @ 0.01	N/A	ppb	
chlorpyrifos	ND @ 0.03	ND @ 0.03	N/A	ppb	
dimethipin	ND @ 0.2	ND @ 0.2	N/A	ppb	
Ethoprop	ND @ 0.03	ND @ 0.03	N/A	ppb	
Oxyfluorfen	ND @ 0.05	ND @ 0.05	N/A	ppb	
Profenofos	ND @ 0.3	ND @ 0.3	N/A	ppb	
Tebuconazole	ND @ 0.2	ND @ 0.2	N/A	ppb	
total permethrin (cis- & trans-)	ND @ 0.04	ND @ 0.04	N/A	ppb	
tribufos	ND @ 0.07	ND @ 0.07	N/A	ppb	
butylated hydroxyanisole	ND @ 0.03	ND @ 0.03	N/A	ppb	
o-toluidine	ND @ 0.007	ND @ 0.007	N/A	ppb	
quinoline	ND @ 0.02	ND @ 0.02	N/A	ppb	
1-butano	ND @ 2.0	ND @ 2.0	N/A	ppb	
2-methoxyethanol	ND @ 0.4	ND @ 0.4	N/A	ppb	
2-propen-1-ol	ND @ 0.5	ND @ 0.5	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 >: Greater than











Additional water quality information may be obtained from the following:

MEDFORD WATER -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 • Mike Smith John Dailey • Jason Anderson • Daniel Bunn

# GENERAL MANAGER

**Brad Taylor** 

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

Also serving the White City area and the Elk City and Charlotte Ann water districts.

\*Intermittent use only; Ashland received water from July to October in 2021.