



## 2022 WATER QUALITY REPORT

- Note:** “\*” Indicates that maximum levels have been exceeded, or in the case of pH, is either too high or too low  
 “ND” Indicates that none of this analyte has been detected at or above the specified detection level  
 “MCL” Indicates maximum contaminant level as established by US FDA for bottled water  
 “RL” Indicates laboratory reporting limit for method  
 Units Results are reported in mg/L unless otherwise noted

ANALYSIS PERFORMED	MCL <sup>1</sup> (mg/L)	Spring	Purified (RO)	Drinking	Distilled	Method
<b>Primary Inorganics</b>						
Antimony	0.006	ND	ND	ND	ND	EPA 200.8
Arsenic	0.010	ND	ND	ND	ND	EPA 200.8
Asbestos	7 MFL	ND	ND	ND	ND	EPA 100.2
Barium	2	0.039	ND	ND	ND	EPA 200.8
Beryllium	0.004	ND	ND	ND	ND	EPA 200.8
Cadmium	0.005	ND	ND	ND	ND	EPA 200.8
Chromium	0.1	ND	ND	ND	ND	EPA 200.8
Cyanide	0.2	ND	ND	ND	ND	SM4500CN-F
Fluoride	See endnote <sup>1</sup>	ND	ND	ND	ND	SM4500F-C
Lead	0.005	ND	ND	ND	ND	EPA 200.8
Mercury	0.002	ND	ND	ND	ND	EPA 245.1
Nickel	0.1	ND	ND	ND	ND	EPA 200.8
Nitrogen, Nitrate	10	0.25	0.20	0.19	ND	EPA 300.0
Nitrogen, Nitrite	1.0	ND	ND	ND	ND	EPA 300.0
Total Nitrate and Nitrite	10	0.25	0.20	0.19	ND	EPA 300.0
Selenium	0.05	ND	ND	ND	ND	EPA 200.8
Thallium	0.002	ND	ND	ND	ND	EPA 200.8
<b>Secondary Inorganics</b>						
Alkalinity	--	28	2.2	6.2	ND	SM 2320B
Aluminum	0.2	0.024	ND	ND	ND	EPA 200.8
Bicarbonate	--	34	2.7	7.5	ND	SM2330B
Boron	--	ND	ND	ND	ND	EPA 200.7
Bromide	--	0.0074	ND	ND	ND	EPA 300.0
Calcium	--	7.4	ND	ND	ND	EPA 200.7
Carbonate	--	ND	ND	ND	ND	SM2330B
Chloride	250 <sup>3</sup>	0.79	0.50	2.2	ND	EPA 300.0
Copper	1	ND	ND	ND	ND	EPA 200.8
Corrosivity	--	-1.8	-4.8	-4.2	-5.9	SM 2330B
Foaming Agents	--	ND	ND	ND	ND	SM 5540C/EPA 425.1
Hardness, Calcium	--	18	ND	ND	ND	EPA 200.7
Hardness, Total	--	26	ND	4.5	ND	SM 2340B
Hydroxide	--	ND	ND	ND	ND	SM2330B
Iron	0.3 <sup>3</sup>	ND	ND	ND	ND	EPA 200.7
Magnesium	--	1.9	ND	1.1	ND	EPA 200.7
Manganese	0.05 <sup>3</sup>	ND	ND	ND	ND	EPA 200.8
Orthophosphate	--	0.039	.018	ND	ND	4500P-E/365.1
pH	See endnote*	7.2	6.6	6.6	5.8	4500HB/ E 150
Phenol	0.001	ND	ND	ND	ND	EPA 420.4
Potassium	--	ND	ND	5.5	ND	EPA 200.7
Silver	0.1	ND	ND	ND	ND	EPA 200.8
Sodium	--	2.2	ND	1.0	ND	EPA 200.7
Specific Conductance	--umho/cm	64	7.3	35	ND	SM2510B
Sulfate	250	1.9	ND	3.8	ND	EPA 300.0

ANALYSIS PERFORMED	MCL <sup>1</sup> (mg/L)	Spring	Purified (RO)	Drinking	Distilled	Method
TDS	500 <sup>3**</sup>	49	ND	17	ND	E160.1/SM2540C
Zinc	5 <sup>3</sup>	ND	ND	ND	ND	EPA 200.8
<b>Physical</b>						
Color	15 <sup>3</sup> CU	ND	ND	ND	ND	SM 2120B
Odor	3 <sup>3</sup> TON	ND	ND	ND	ND	SM 2150B
Turbidity	5 NTU	0.27	ND	ND	ND	EPA 180.1
<b>Microbiological</b>						
Total Coliform Bacteria, MPN/100 ml	Absence	ND	ND	ND	ND	SM 9223B
E. Coli Bacteria, MPN/100 ml	Absence	ND	ND	ND	ND	SM 9223B
Heterotrophic Plate Count	--cfu/mL	ND	ND	ND	ND	SM 9215B
<b>Radionuclides/Other Compounds</b>						
Gross Alpha	15 pCi/L	ND	ND	ND	ND	EPA 900.0
Gross Beta	50 pCi/L	ND	ND	3.7	ND	EPA 900.0
Radium 226-228	5pCi/L	ND/ND	ND/ND	ND/ND	ND/ND	Ra-226 GA/RA-228 GA
Uranium	0.030	ND	ND	ND	ND	EPA 200.8
<b>Volatile Organic Compounds</b>						
tert- Amyl Methyl Ether (TAME)	--	ND	ND	ND	ND	EPA 524.2
tert- Butyl-Ethyl Ether (TBEE)	--	ND	ND	ND	ND	EPA 524.2
Benzene	0.005	ND	ND	ND	ND	EPA 524.2
Bromobenzene	--	ND	ND	ND	ND	EPA 524.2
Bromochloromethane	--	ND	ND	ND	ND	EPA 524.2
Bromodichloromethane	--	ND	ND	ND	ND	EPA 524.2
Bromoform	--	ND	ND	ND	ND	EPA 524.2
Bromomethane	--	ND	ND	ND	ND	EPA 524.2
n- Butylbenzene	--	ND	ND	ND	ND	EPA 524.2
sec-Butylbenzene	--	ND	ND	ND	ND	EPA 524.2
tert-Butylbenzene	--	ND	ND	ND	ND	EPA 524.2
Carbon Disulfide	--	ND	ND	ND	ND	EPA 524.2
Carbon Tetrachloride	0.005	ND	ND	ND	ND	EPA 524.2
Chlorobenzene	0.1	ND	ND	ND	ND	EPA 524.2
Chloroethane	--	ND	ND	ND	ND	EPA 524.2
Chloroform	--	ND	ND	ND	ND	EPA 524.2
Chloromethane	--	ND	ND	ND	ND	EPA 524.2
2-Chlorotoluene	--	ND	ND	ND	ND	EPA 524.2
4-Chlorotoluene	--	ND	ND	ND	ND	EPA 524.2
Chlorodibromomethane	--	ND	ND	ND	ND	EPA 524.2
Dibromomethane	--	ND	ND	ND	ND	EPA 524.2
1,2-Dichlorobenzene	0.6	ND	ND	ND	ND	EPA 524.2
1,3-Dichlorobenzene	--	ND	ND	ND	ND	EPA 524.2
1,4-Dichlorobenzene	0.075	ND	ND	ND	ND	EPA 524.2
Dichlorodifluoromethane	--	ND	ND	ND	ND	EPA 524.2
1,1-Dichloroethane	--	ND	ND	ND	ND	EPA 524.2
1,2-Dichloroethane	0.005	ND	ND	ND	ND	EPA 524.2
1,1-Dichloroethylene	0.007	ND	ND	ND	ND	EPA 524.2
cis-1,2-Dichloroethylene	0.07	ND	ND	ND	ND	EPA 524.2
trans-1,2Dichloroethylene	0.1	ND	ND	ND	ND	EPA 524.2
1,2-Dichloropropane	0.005	ND	ND	ND	ND	EPA 524.2
1,3-Dichloropropane	--	ND	ND	ND	ND	EPA 524.2
2,2-Dichloropropane	--	ND	ND	ND	ND	EPA 524.2

ANALYSIS PERFORMED	MCL <sup>1</sup> (mg/L)	Spring	Purified (RO)	Drinking	Distilled	Method
1,1-Dichloropropene	--	ND	ND	ND	ND	EPA 524.2
cis-1,3-Dichloropropene	--	ND	ND	ND	ND	EPA 524.2
trans-1,3-Dichloropropene	--	ND	ND	ND	ND	EPA 524.2
Di-Isopropyl Ether	--	ND	ND	ND	ND	EPA 524.2
Ethylbenzene	0.7	ND	ND	ND	ND	EPA 524.2
Hexachlorobutadiene	--	ND	ND	ND	ND	EPA 524.2
Isopropylbenzene	--	ND	ND	ND	ND	EPA 524.2
4-Isopropyltoluene	--	ND	ND	ND	ND	EPA 524.2
4-Methyl-2-Pentanone (MIBK)	--	ND	ND	ND	ND	EPA 524.2
Methyl tert-Butyl Ether (MTBE)	--	ND	ND	ND	ND	EPA 524.2
Methyl Ethyl Ketone (MEK)	--	ND	ND	ND	ND	EPA 524.2
Methylene Chloride	0.005	ND	ND	ND	ND	EPA 524.2
Naphthalene	--	ND	ND	ND	ND	EPA 524.2
n-Propylbenzene	--	ND	ND	ND	ND	EPA 524.2
Styrene	0.1	ND	ND	ND	ND	EPA 524.2
1,1,1,2-Tetrachloroethane	--	ND	ND	ND	ND	EPA 524.2
1,1,2,2-Tetrachloroethane	--	ND	ND	ND	ND	EPA 524.2
Tetrachloroethylene	0.005	ND	ND	ND	ND	EPA 524.2
Toluene	1	ND	ND	ND	ND	EPA 524.2
1,2,3-Trichlorobenzene	--	ND	ND	ND	ND	EPA 524.2
1,2,4-Trichlorobenzene	0.07	ND	ND	ND	ND	EPA 524.2
1,1,1-Trichloroethane	0.2	ND	ND	ND	ND	EPA 524.2
1,1,2-Trichloroethane	0.005	ND	ND	ND	ND	EPA 524.2
Trichloroethylene	0.005	ND	ND	ND	ND	EPA 524.2
Trichlorofluoromethane	--	ND	ND	ND	ND	EPA 524.2
Trichlorotrifluoroethane	--	ND	ND	ND	ND	EPA 524.2
1,2,3-Trichloropropane	--	ND	ND	ND	ND	EPA 524.2
1,2,4-Trimethylbenzene	--	ND	ND	ND	ND	EPA 524.2
1,3,5-Trimethylbenzene	--	ND	ND	ND	ND	EPA 524.2
Vinyl Chloride	0.002	ND	ND	ND	ND	EPA 524.2
m+p-Xylenes	--	ND	ND	ND	ND	EPA 524.2
ortho-Xylene	--	ND	ND	ND	ND	EPA 524.2
Total Xylene	10	ND	ND	ND	ND	EPA 524.2
<b>EDB and DBCP</b>						
Ethylene Dibromide	0.00005	ND	ND	ND	ND	EPA 504.1
Dibromochloropropane	0.0002	ND	ND	ND	ND	EPA 504.1
1,2,3-Trichloropropane	0.00003	ND	ND	ND	ND	EPA 504.1
<b>Pesticides and PCBs</b>						
Alachlor	0.002	ND	ND	ND	ND	EPA 505
Aldrin	--	ND	ND	ND	ND	EPA 505
Chlordane (alpha & gamma)	0.002	ND	ND	ND	ND	EPA 505
Dieldrin	--	ND	ND	ND	ND	EPA 505
Endrin	0.002	ND	ND	ND	ND	EPA 505
Heptachlor	0.0004	ND	ND	ND	ND	EPA 505
Heptachlor Epoxide	0.0002	ND	ND	ND	ND	EPA 505
Lindane	0.0002	ND	ND	ND	ND	EPA 505
Methoxychlor	0.04	ND	ND	ND	ND	EPA 505
Total PCBs	0.0005	ND	ND	ND	ND	EPA 505
PCB 1016	--	ND	ND	ND	ND	EPA 505
PCB 1221	--	ND	ND	ND	ND	EPA 505
PCB 1232	--	ND	ND	ND	ND	EPA 505
PCB 1242	--	ND	ND	ND	ND	EPA 505

ANALYSIS PERFORMED	MCL <sup>1</sup> (mg/L)	Spring	Purified (RO)	Drinking	Distilled	Method
PCB 1248	--	ND	ND	ND	ND	EPA 505
PCB 1254	--	ND	ND	ND	ND	EPA 505
PCB 1260	--	ND	ND	ND	ND	EPA 505
Toxaphene	0.003	ND	ND	ND	ND	EPA 505
<b>Herbicides</b>						
Acifluorfen	--	ND	ND	ND	ND	EPA 515.4
Bentazon	--	ND	ND	ND	ND	EPA 515.4
2,4-D	0.07	ND	ND	ND	ND	EPA 515.4
2,4-DB	--	ND	ND	ND	ND	EPA 515.4
Dalapon	0.2	ND	ND	ND	ND	EPA 515.4
DCPA (total Mono & Di acid degradate)	--	ND	ND	ND	ND	EPA 515.4
Dicamba	--	ND	ND	ND	ND	EPA 515.4
3,5-Dichlorobenzoic Acid	--	ND	ND	ND	ND	EPA 515.4
Dichlorprop	--	ND	ND	ND	ND	EPA 515.4
Dinoseb	0.007	ND	ND	ND	ND	EPA 515.4
Pentachlorophenol	0.001	ND	ND	ND	ND	EPA 515.4
Picloram	0.5	ND	ND	ND	ND	EPA 515.4
2,4,5-T	--	ND	ND	ND	ND	EPA 515.4
2,4,5-TP (Silvex)	0.05	ND	ND	ND	ND	EPA 515.4
<b>Semivolatile Organic Compounds</b>						
Acenaphthene	--	ND	ND	ND	ND	EPA 525.2
Acenaphthylene	--	ND	ND	ND	ND	EPA 525.2
Acetochlor	--	ND	ND	ND	ND	EPA 525.2
Alpha-BHC	--	ND	ND	ND	ND	EPA 525.2
Anthracene	--	ND	ND	ND	ND	EPA 525.2
Atrazine	0.003	ND	ND	ND	ND	EPA 525.2
Benz(a)Anthracene	--	ND	ND	ND	ND	EPA 525.2
Benzo(a)Pyrene	0.0002	ND	ND	ND	ND	EPA 525.2
Benzo(b)Fluoranthene	--	ND	ND	ND	ND	EPA 525.2
Benzo(g,h,i)Perylene	--	ND	ND	ND	ND	EPA 525.2
Benzo(k)Fluoranthene	--	ND	ND	ND	ND	EPA 525.2
Beta-BHC	--	ND	ND	ND	ND	EPA 525.2
Bromacil	--	ND	ND	ND	ND	EPA 525.2
Butylbenzylphthalate	--	ND	ND	ND	ND	EPA 525.2
Butachlor	--	ND	ND	ND	ND	EPA 525.2
Chlordane (alpha)	0.002	ND	ND	ND	ND	EPA 525.2
Chlordane (gamma)	0.002	ND	ND	ND	ND	EPA 525.2
Chlorobenzilate	--	ND	ND	ND	ND	EPA 525.2
Chloroneb	--	ND	ND	ND	ND	EPA 525.2
Chlorothalonil	--	ND	ND	ND	ND	EPA 525.2
Chlorpyrifos	--	ND	ND	ND	ND	EPA 525.2
Chrysene	--	ND	ND	ND	ND	EPA 525.2
Delta-BHC	--	ND	ND	ND	ND	EPA 525.2
4,4-DDD	--	ND	ND	ND	ND	EPA 525.2
4,4-DDE	--	ND	ND	ND	ND	EPA 525.2
4,4-DDT	--	ND	ND	ND	ND	EPA 525.2
Diazinon (Qualitative)	--	ND	ND	ND	ND	EPA 525.2
Dichlorvos (DDVP)	--	ND	ND	ND	ND	EPA 525.2
Dieldrin	--	ND	ND	ND	ND	EPA 525.2
Di (2-ethylhexyl) Adipate	0.4	ND	ND	ND	ND	EPA 525.2
ANALYSIS PERFORMED	MCL <sup>1</sup> (mg/L)	Spring	Purified (RO)	Drinking	Distilled	Method

Dibenz (a,h) Anthracene	--	ND	ND	ND	ND	EPA 525.2
Di (2-ethylhexyl) Phthalate	0.006	ND	ND	ND	ND	EPA 525.2
Diethylphthalate	--	ND	ND	ND	ND	EPA 525.2
Dimethylphthalate	--	ND	ND	ND	ND	EPA 525.2
Dimethoate	--	ND	ND	ND	ND	EPA 525.2
Di-n-Butylphthalate	--	ND	ND	ND	ND	EPA 525.2
Di-n-Octylphthalate	--	ND	ND	ND	ND	EPA 525.2
2,4-Dinitrotoluene	--	ND	ND	ND	ND	EPA 525.2
2,6-Dinitrotoluene	--	ND	ND	ND	ND	EPA 525.2
Endosulfan I (Alpha)	--	ND	ND	ND	ND	EPA 525.2
Endosulfan II (Beta)	--	ND	ND	ND	ND	EPA 525.2
Endosulfan Sulfate	--	ND	ND	ND	ND	EPA 525.2
Endrin Aldehyde	--	ND	ND	ND	ND	EPA 525.2
EPTC	--	ND	ND	ND	ND	EPA 525.2
Fluoranthene	--	ND	ND	ND	ND	EPA 525.2
Fluorene	--	ND	ND	ND	ND	EPA 525.2
Heptachlor	0.0004	ND	ND	ND	ND	EPA 525.2
Hexachlorobenzene	0.001	ND	ND	ND	ND	EPA 525.2
Hexachlorocyclopentadiene	0.05	ND	ND	ND	ND	EPA 525.2
Indeno (1,2,3-cd) Pyrene	--	ND	ND	ND	ND	EPA 525.2
Isophorone	--	ND	ND	ND	ND	EPA 525.2
Malathion	--	ND	ND	ND	ND	EPA 525.2
Metolachlor	--	ND	ND	ND	ND	EPA 525.2
Metribuzin	--	ND	ND	ND	ND	EPA 525.2
Molinate	--	ND	ND	ND	ND	EPA 525.2
Naphthalene	--	ND	ND	ND	ND	EPA 525.2
trans-Nonachlor	--	ND	ND	ND	ND	EPA 525.2
Parathion	--	ND	ND	ND	ND	EPA 525.2
Pendimethalin	--	ND	ND	ND	ND	EPA 525.2
Permethrin	--	ND	ND	ND	ND	EPA 525.2
Phenanthrene	--	ND	ND	ND	ND	EPA 525.2
Propachlor	--	ND	ND	ND	ND	EPA 525.2
Pyrene	--	ND	ND	ND	ND	EPA 525.2
Simazine	0.004	ND	ND	ND	ND	EPA 525.2
Terbacil	--	ND	ND	ND	ND	EPA 525.2
Terbutylazine	--	ND	ND	ND	ND	EPA 525.2
Thiobencarb	--	ND	ND	ND	ND	EPA 525.2
Trifluralin	--	ND	ND	ND	ND	EPA 525.2
Aldicarb (TEMIK)	--	ND	ND	ND	ND	EPA 531.2
Aldicarb sulfone	--	ND	ND	ND	ND	EPA 531.2
Aldicarb sulfoxide	--	ND	ND	ND	ND	EPA 531.2
Baygon (PROPOXUR)	--	ND	ND	ND	ND	EPA 531.2
Carbaryl	--	ND	ND	ND	ND	EPA 531.2
Carbofuran (FURADAN)	0.04	ND	ND	ND	ND	EPA 531.2
3-Hydroxycarbofuran	--	ND	ND	ND	ND	EPA 531.2
Methiocarb	--	ND	ND	ND	ND	EPA 531.2
Methomyl	--	ND	ND	ND	ND	EPA 531.2
Oxamyl (VYDATE)	0.2	ND	ND	ND	ND	EPA 531.2
Glyphosate	0.7	ND	ND	ND	ND	EPA 547
Endothall	0.1	ND	ND	ND	ND	EPA 548.1
Diquat	0.02	ND	ND	ND	ND	EPA 549.2
Paraquat	--	ND	ND	ND	ND	EPA 549.2
2,3,7,8-TCDD (DIOXIN)	3x10-8	ND	ND	ND	ND	EPA 1613
<b>ANALYSIS PERFORMED</b>	<b>MCL<sup>1</sup> (mg/L)</b>	<b>Spring</b>	<b>Purified (RO)</b>	<b>Drinking</b>	<b>Distilled</b>	<b>Method</b>
<b>Disinfection By-products</b>						

Bromate	0.010	ND	ND	ND	ND	EPA 317
Chlorite	1.0	ND	ND	ND	ND	EPA 300.1
Bromochloroacetic Acid	--	ND	ND	ND	ND	EPA 6251B
Dibromoacetic Acid	--	ND	ND	ND	ND	EPA 6251B
Dichloroacetic Acid	--	ND	ND	ND	ND	EPA 6251B
Monobromoacetic Acid	--	ND	ND	ND	ND	EPA 6251B
Monochloroacetic Acid	--	ND	ND	ND	ND	EPA 6251B
Trichloroacetic Acid	--	ND	ND	ND	ND	EPA 6251B
Haloacetic Acids, Total	0.060	ND	ND	ND	ND	EPA 6251B
Total Trihalomethanes	0.080	ND	ND	ND	ND	EPA 524.2
Bromodichloromethane	--	ND	ND	ND	ND	EPA 524.2
Bromoform	--	ND	ND	ND	ND	EPA 524.2
Chloroform	--	ND	ND	ND	ND	EPA 524.2
Chlorodibromomethane	--	ND	ND	ND	ND	EPA 524.2
Residual Chlorine, Free	--	ND	ND	ND	ND	SM4500-CL-G/HACH
Residual Chlorine, Total	4.0	ND	ND	ND	ND	SM4500-CL G
Chloramines	4.0	ND	ND	ND	ND	SM4500-CL-G/HACH
Chlorine Dioxide	0.8	ND	ND	ND	ND	SM4500-CLO2-D/HACH
Perchlorate	--	ND	ND	ND	ND	EPA 331.0

EPA approved methods were used in all of the analyses and a listing is available upon request. These test results may be used for compliance purposes as required.

<sup>1</sup> The EPA, some state agencies and/or the IBWA may have established alternate MCLs for some of these analytes. Please refer to Federal, State and industry codes.

<sup>2</sup>Fluoride MCL is determined by annual average of maximum daily air temperatures where the bottles water is sold. Refer to tables found in 21 CFR 165.

<sup>3</sup>Mineral water is exempt from allowable levels per 21 CFR 165.110(b) (3) and (4). The exemptions are aesthetically based allowable levels and do not relate to a health concern.

\* MCL established by US FDA for waters that meet the US FDA definition of “Purified” is 5-7 pH Units per the USP XXII Standards, as referenced in 21 CFR 165.

\*\* The bottled water shall not contain beta particle and photon radioactivity form man-made radionuclides in excess of that which would produce an annual does equivalent to the total body or any internal organ of 4 millirems per year calculated on the basis of an intake of 2 liters of the water per day (=50pCi/L).