

*Compliance Designs*

CLIENT: Ice River Springs Water Co.  
100 Ceramic Tile Drive  
Morganton, NC 28655

DATE OF REPORT: Quarter 2, 2018  
REPORT #: 599-7488, 599-7594  
LABORATORY ID#: 728615, 201811562

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)	RL (mg/L)	SPRING FINISHED PRODUCT (Produced from Tablerock Spring, 500 mL, L1) 599-7488, 599-7594 (mg/L)
<b>Primary Inorganics</b>			
Antimony	0.006	0.001	ND
Arsenic	0.01	0.002	ND
Asbestos	7 MFL	0.18	ND
Barium	2	0.002	0.0076
Beryllium	0.004	0.001	ND
Cadmium	0.005	0.0005	ND
Chromium	0.1	0.005	ND
Cyanide	0.2	0.025	ND
Fluoride	See endnote <sup>2</sup>	0.05	ND
Lead	0.005	0.0005	ND
Mercury	0.002	0.0002	ND
Nickel	0.1	0.005	ND
Nitrogen, Nitrate	10	0.1	ND
Nitrogen, Nitrite	1.0	0.05	ND
Nitrogen - NO3/NO2 (NOX)	10	0.1	ND
Selenium	0.05	0.005	ND
Thallium	0.002	0.001	ND
<b>Secondary Inorganics</b>			
Alkalinity	--	2	21
Aluminum	0.2	0.02	ND
Bicarbonate	--	2	26
Boron	--	0.05	ND
Bromide	--	0.005	0.0066
Calcium	--	1	3.3
Carbonate	--	2	ND
Chloride	250 <sup>3</sup>	0.5	ND
Copper	1	0.002	ND
Corrosivity	--	-14	-2.7
Foaming Agents	--	0.1	ND
Hardness, Calcium	--	5	8.2
Hardness, Total	--	3	15
Hydroxide	--	2	ND
Iron	0.3 <sup>3</sup>	0.02	ND
Magnesium	--	0.1	1.7
Manganese	0.05 <sup>3</sup>	0.002	ND
Orthophosphate	--	0.01	0.033
pH	See endnote <sup>4</sup>	0.1	6.8
Phenol	0.001	0.001	ND
Potassium	--	1	ND
Silver	0.1	0.0005	ND
Sodium	--	1	2.6
Specific Conductance	-- umho/cm	2	46
Sulfate	250	0.5	1.0
TDS	500 <sup>3,5</sup>	10	40
Zinc	5 <sup>3</sup>	0.02	ND

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<b>Physical</b>			
Color	15 <sup>3</sup> CU	3	ND
Odor	3 <sup>3</sup> TON	1	2.0
Turbidity	5 NTU	0.1	ND
<b>Microbiological</b>			
Total Coliform	Absence	1	ND
Heterotrophic Plate Count	-- cfu/mL	1	ND
<b>Radiologicals</b>			
Gross Alpha	15 pCi/L	3	ND
Gross Beta	50 pCi/L <sup>5</sup>	3	ND
Radium 226/228	5 pCi/L	1 / 1	ND / ND
Uranium	0.030	0.001	ND
<b>Volatile Organic Compounds EPA 524.2:</b>			
Total Trihalomethanes	0.080	0.0005	ND
tert-Amyl Methyl Ether (TAME)	--	0.003	ND
tert-Butyl-Ethyl Ether (TBEE)	--	0.003	ND
Benzene	0.005	0.0005	ND
Bromobenzene	--	0.0005	ND
Bromochloromethane	--	0.0005	ND
Bromodichloromethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Bromomethane	--	0.0005	ND
n-Butylbenzene	--	0.0005	ND
sec-Butylbenzene	--	0.0005	ND
tert-Butylbenzene	--	0.0005	ND
Carbon Disulfide	--	0.0005	ND
Carbon Tetrachloride	0.005	0.0005	ND
Chlorobenzene	0.1	0.0005	ND
Chloroethane	--	0.0005	ND
Chloroform	--	0.0005	ND
Chloromethane	--	0.0005	ND
2-Chlorotoluene	--	0.0005	ND
4-Chlorotoluene	--	0.0005	ND
Chlorodibromomethane	--	0.0005	ND
Dibromomethane	--	0.0005	ND
1,2-Dichlorobenzene	0.6	0.0005	ND
1,3-Dichlorobenzene	--	0.0005	ND
1,4-Dichlorobenzene	0.075	0.0005	ND
Dichlorodifluoromethane	--	0.0005	ND
1,1-Dichloroethane	--	0.0005	ND
1,2-Dichloroethane	0.005	0.0005	ND
1,1-Dichloroethylene	0.007	0.0005	ND
cis-1,2-Dichloroethylene	0.07	0.0005	ND
trans-1,2-Dichloroethylene	0.1	0.0005	ND
1,2-Dichloropropane	0.005	0.0005	ND
1,3-Dichloropropane	--	0.0005	ND
2,2-Dichloropropane	--	0.0005	ND
1,1-Dichloropropene	--	0.0005	ND
cis-1,3-Dichloropropene	--	0.0005	ND
trans-1,3-Dichloropropene	--	0.0005	ND

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<b>EPA 524.2 continued:</b>			
Di-Isopropyl Ether	--	0.003	ND
Ethylbenzene	0.7	0.0005	ND
Hexachlorobutadiene	--	0.0005	ND
Isopropylbenzene	--	0.0005	ND
4-Isopropyltoluene	--	0.0005	ND
4-Methyl-2-Pentanone (MIBK)	--	0.005	ND
Methyl tert-Butyl Ether (MTBE)	--	0.0005	ND
Methyl Ethyl Ketone (MEK)	--	0.005	ND
Methylene Chloride	0.005	0.0005	ND
Naphthalene	--	0.0005	ND
n-Propylbenzene	--	0.0005	ND
Styrene	0.1	0.0005	ND
1,1,1,2-Tetrachloroethane	--	0.0005	ND
1,1,2,2-Tetrachloroethane	--	0.0005	ND
Tetrachloroethylene	0.005	0.0005	ND
Toluene	1	0.0005	ND
1,2,3-Trichlorobenzene	--	0.0005	ND
1,2,4-Trichlorobenzene	0.07	0.0005	ND
1,1,1-Trichloroethane	0.2	0.0005	ND
1,1,2-Trichloroethane	0.005	0.0005	ND
Trichloroethylene	0.005	0.0005	ND
Trichlorofluoromethane	--	0.0005	ND
Trichlorotrifluoroethane	--	0.0005	ND
1,2,3-Trichloropropane	--	0.0005	ND
1,2,4-Trimethylbenzene	--	0.0005	ND
1,3,5-Trimethylbenzene	--	0.0005	ND
Vinyl Chloride	0.002	0.0003	ND
m+p-Xylenes	--	0.0005	ND
ortho-Xylene	--	0.0005	ND
Total Xylene	10	0.0005	ND
<b>Add'l Organics</b>			
<b>EPA 551.1:</b>			
Ethylene Dibromide	0.00005	0.00001	ND
Dibromochloropropane	0.0002	0.00001	ND
<b>EPA 505:</b>			
Alachlor	0.002	0.0001	ND
Aldrin	--	0.00001	ND
Chlordane (alpha and gamma)	0.002	0.0001	ND
Dieldrin	--	0.00001	ND
Endrin	0.002	0.00001	ND
Heptachlor	0.0004	0.00001	ND
Heptachlor Epoxide	0.0002	0.00001	ND
Lindane	0.0002	0.00001	ND
Methoxychlor	0.04	0.00005	ND
Total PCBs	0.0005	0.0001	ND
PCB 1016	--	0.00008	ND
PCB 1221	--	0.0001	ND
PCB 1232	--	0.0001	ND
PCB 1242	--	0.0001	ND
PCB 1248	--	0.0001	ND
PCB 1254	--	0.0001	ND
PCB 1260	--	0.0001	ND
Toxaphene	0.003	0.0005	ND

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<b>EPA 515.4:</b>			
Acifluorfen	--	0.0002	ND
Bentazon	--	0.0005	ND
2,4-D	0.07	0.0001	ND
2,4-DB	--	0.002	ND
Dalapon	0.2	0.001	ND
DCPA (total Mono & Di acid degradate)	--	0.0001	ND
Dicamba	--	0.0001	ND
3,5-Dichlorobenzoic Acid	--	0.0005	ND
Dichlorprop	--	0.0005	ND
Dinoseb	0.007	0.0002	ND
Pentachlorophenol	0.001	0.00004	ND
Picloram	0.5	0.0001	ND
2,4,5-T	--	0.0002	ND
2,4,5-TP (Silvex)	0.05	0.0002	ND
<b>EPA 525.2:</b>			
Acenaphthene	--	0.0001	ND
Acenaphthylene	--	0.0001	ND
Acetochlor	--	0.0001	ND
Alpha-BHC	--	0.0001	ND
Anthracene	--	0.00002	ND
Atrazine	0.003	0.00005	ND
Benz(a)Anthracene	--	0.00005	ND
Benzo(a)Pyrene	0.0002	0.00002	ND
Benzo(b)Fluoranthene	--	0.00002	ND
Benzo(g,h,i)Perylene	--	0.00005	ND
Benzo(k)Fluoranthene	--	0.00002	ND
Beta-BHC	--	0.0001	ND
Bromacil	--	0.0002	ND
Butylbenzylphthalate	--	0.0005	ND
Butachlor	--	0.00005	ND
Caffeine	--	0.00005	ND
Chlordane (alpha)	0.002	0.00005	ND
Chlordane (gamma)	0.002	0.00005	ND
Chlorobenzilate	--	0.0001	ND
Chloroneb	--	0.0001	ND
Chlorothalonil	--	0.0001	ND
Chlorpyrifos	--	0.00005	ND
Chrysene	--	0.00002	ND
Delta-BHC	--	0.0001	ND
4,4-DDD	--	0.0001	ND
4,4-DDE	--	0.0001	ND
4,4-DDT	--	0.0001	ND
Diazinon (Qualitative)	--	0.0001	ND
Dichlorvos (DDVP)	--	0.00005	ND
Dieldrin	--	0.0002	ND
Di(2-ethylhexyl)Adipate	0.4	0.0006	ND
Dibenz(a,h)Anthracene	--	0.00005	ND
Di(2-ethylhexyl)Phthalate	0.006	0.0006	ND
Diethylphthalate	--	0.0005	ND
Dimethylphthalate	--	0.0005	ND
Dimethoate	--	0.0001	ND
Di-n-Butylphthalate	--	0.001	ND
Di-n-Octylphthalate	--	0.0001	ND

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<b>EPA 525.2 continued:</b>			
2,4-Dinitrotoluene	--	0.0001	ND
2,6-Dinitrotoluene	--	0.0001	ND
Endosulfan I (Alpha)	--	0.0001	ND
Endosulfan II (Beta)	--	0.0001	ND
Endosulfan Sulfate	--	0.0001	ND
Endrin Aldehyde	--	0.0001	ND
EPTC	--	0.0001	ND
Fluoranthene	--	0.0001	ND
Fluorene	--	0.00005	ND
Heptachlor	0.0004	0.00003	ND
Hexachlorobenzene	0.001	0.00005	ND
Hexachlorocyclopentadiene	0.05	0.00005	ND
Indeno(1,2,3-cd)Pyrene	--	0.00005	ND
Isophorone	--	0.0005	ND
Malathion	--	0.0001	ND
Metolachlor	--	0.00005	ND
Metribuzin	--	0.00005	ND
Molinate	--	0.0001	ND
Naphthalene	--	0.0003	ND
trans-Nonachlor	--	0.00005	ND
Parathion	--	0.0001	ND
Pendimethalin	--	0.0001	ND
Permethrin	--	0.0001	ND
Phenanthrene	--	0.00004	ND
Propachlor	--	0.00005	ND
Pyrene	--	0.00005	ND
Simazine	0.004	0.00005	ND
Terbacil	--	0.0001	ND
Terbutylazine	--	0.0001	ND
Thiobencarb	--	0.0002	ND
Trifluralin	--	0.0001	ND
<b>EPA 531.2:</b>			
Aldicarb (TEMIK)	--	0.0005	ND
Aldicarb sulfone	--	0.0005	ND
Aldicarb sulfoxide	--	0.0005	ND
Baygon (PROPOXUR)	--	0.0005	ND
Carbaryl	--	0.0005	ND
Carbofuran (FURADAN)	0.04	0.0005	ND
3-Hydroxycarbofuran	--	0.0005	ND
Methiocarb	--	0.0005	ND
Methomyl	--	0.0005	ND
Oxamyl (VYDATE)	0.2	0.0005	ND
<b>EPA 547:</b>			
Glyphosate	0.7	0.006	ND
<b>EPA 548.1:</b>			
Endothall	0.1	0.005	ND
<b>EPA 549.2:</b>			
Diquat	0.02	0.0004	ND
Paraquat	--	0.002	ND

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<b>EPA 1613:</b> 2,3,7,8-TCDD (DIOXIN)	3x10 <sup>-8</sup>	5.0x10 <sup>-9</sup>	ND
<b>Disinfection Byproducts</b>			
<b>EPA 317:</b> Bromate	0.010	0.005	ND
<b>EPA 300.1B:</b> Chlorite	1.0	0.01	ND
<b>EPA 6251B:</b>			
Bromochloroacetic acid	--	0.001	ND
Dibromoacetic acid	--	0.001	ND
Dichloroacetic acid	--	0.001	ND
Monobromoacetic acid	--	0.001	ND
Monochloroacetic acid	--	0.002	ND
Trichloroacetic acid	--	0.001	ND
Haloacetic Acids, Total	0.060	0.002	ND
<b>EPA 524.2:</b>			
Total Trihalomethanes	0.080	0.0005	ND
Bromodichloromethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Chloroform	--	0.0005	ND
Chlorodibromomethane	--	0.0005	ND
<b>Residual Disinfectants</b>			
<b>SM4500-CL G:</b>			
Residual Chlorine, Free	--	0.1	ND
Residual Chlorine, Total	4.0	0.1	ND
Chloramines	4.0	0.1	ND
<b>SM4500-CIO2-D:</b>			
Chlorine Dioxide	0.8	0.24	ND
<b>Miscellaneous</b>			
<b>EPA 331.0:</b>			
Perchlorate	--	0.002	ND

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 bottled 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.

<sup>4</sup> MCL established by US FDA for waters that meet the US FDA definition of "Purified" is 5-7 pH Units per the USP XXIII Standards, as referenced in 21 CFR 165.

<sup>5</sup> The bottled water shall not contain beta particle and photon radioactivity from man-made radionuclides in excess of that which would produce an annual dose 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 (= 50 pCi/L).