

# Bottled Water Quality Report for Berkshire Springs, 2020-1

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**TABLE 1: BERKSHIRE SPRINGS WATER MINERAL ANALYSIS (2020-1)**

<b>General Mineral Analysis</b>	<b>Berkshire Springs Water</b>
Calcium	22 mg/L
Chloride	2.5 mg/L
Fluoride	ND
Magnesium	7.0 mg/L
Potassium	2.7 mg/L
Sodium	2.0 mg/L
Sulfate	6.9 mg/L
Total Dissolved Solids	93 mg/L
Alkalinity	76 mg/L CaCO <sub>3</sub>
Specific Conductance	180 umhos/cm at 25C
pH	7.2
Sodium per 8oz. Serving	<0.379 mg

## **Berkshire Springs Annual Water Testing (2020-2021)**

Our company regularly tests for 52 organic chemicals and 33 inorganic chemicals/parameters that are regulated by the FDA. As an extra safeguard we also test for 81 unregulated contaminants. No contaminant was detected above FDA's limits in our testing as demonstrated by Table 2, below. There have been no violations of any Standard of Quality promulgated by the FDA, EPA, IBWA or any of the states we serve. This testing was reported to Berkshire Springs on March 23, 2020 by National Testing Laboratories Ltd (NTL) of Ypsilanti MI. NTL is an internationally recognized independent testing facility whose labs are certified in multiple states including Connecticut, Pennsylvania, New Jersey and New York, (NVELAP# 11467).

**TABLE 2: BERKSHIRE SPRINGS WATER SOURCE ANALYSIS***(All values reported in mg/L except as noted)*

<b>Product&gt;</b>	<b>Spring Water</b>	<b>Detection Limit</b>	<b>FDA SOQ</b>
<u>Inorganic Chemicals</u>			
Antimony	ND	0.003	0.006
Arsenic	ND	0.002	0.01
Barium	ND	0.002	
Beryllium	ND	0.001	0.004
Cadmium	ND	0.001	0.005
Chromium	ND	0.007	0.1
Cyanide	ND	0.02	0.1
Fluoride	ND	0.1	4

<b>Product&gt;</b>	<b>Spring Water</b>	<b>Detection Limit</b>	<b>FDA SOQ</b>
<u>Inorganic Chemicals (cont.)</u>			
Lead	ND	0.001	0.005
Nickel	ND	0.005	0.1
Nitrate-N	0.09	0.05	10

Nitrite-N	ND	0.05	1
Total Nitrate + Nitrite	0.09	0.05	10
Selenium	ND	0.002	0.05
Thallium	ND	0.001	0.002
<u>Secondary Inorganic Parameters</u>			
Aluminum	ND	0.002	0.2
Asbestos	ND	0.18 MFL	7 MFL
Bromide	0.006	0.005	
Chloride	2.5	1.0	250
Copper	ND	0.001	
Foaming Agent	ND	0.1	0.5
Iron	ND	0.02	
Manganese	ND	0.004	0.05
Silver	ND	0.002	
Sulfate	6.9	5.0	250
Total Dissolved Solids (TDS)	93	5	500
Uranium	ND	0.001	0.03
Zinc	ND	0.004	5

<b>Product&gt;</b>	<b>Spring Water</b>	<b>Detection Limit</b>	<b>Lowest SOQ</b>
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Volatile Organic Chemicals

1,1,1-Trichloroethane	ND	0.0005	0.2
1,1,2-Trichloroethane	ND	0.0005	0.005

1,1-Dichloroethene	ND	0.0005	0.007
1,2,4-Trichlorobenzene	ND	0.0005	0.07
1,2-Dichloroethane	ND	0.0005	0.005
Benzene	ND	0.0005	0.005
Carbon tetrachloride	ND	0.0005	0.005
cis-1,2-Dichloroethene	ND	0.0005	0.07
trans-1,2-Dichloroethene	ND	0.0005	0.1
Ethylbenzene	ND	0.0005	0.7
Methylene chloride (Dichloromethane)	ND	0.0005	0.005
Methyl tertiary butyl ether (MTBE)	ND	0.0005	
Chlorobenzene	ND	0.0005	0.1
1,2-Dichlorobenzene	ND	0.0005	0.6
1,4-Dichlorobenzene	ND	0.0005	0.075
Styrene	ND	0.0005	0.1
Tetrachloroethene	ND	0.0005	0.005
Toluene	ND	0.0005	1
Trichloroethene	ND	0.0005	0.005
Vinyl chloride	ND	0.0005	0.002

<b>Product&gt;</b>	<b>Spring Water</b>	<b>Detection Limit</b>	<b>Lowest SOQ</b>
<u>Volatile Organic Chemicals (cont.).</u>			
Xylenes (total)	ND	0.0005	10
Bromodichloromethane	ND	0.0005	

Dibromochloromethane	ND	0.0005	
Chloroform	ND	0.0005	
Bromoform	ND	0.0005	
Total Trihalomethanes	ND	0.0005	0.08
<u>Semivolatile Organic Chemicals</u>			
Benzo(a)pyrene	ND	0.0001	0.0002
Di(2-ethylhexyl)adipate	ND	0.0002	0.4
Di(2-ethylhexyl)phthalate	ND	0.0006	0.006
Hexachlorobenzene	ND	0.0001	0.001
Hexachlorocyclopentadiene	ND	0.0001	0.05
Total Recoverable Phenolics	ND	0.001	0.001
<u>Synthetic Organic Chemicals</u>			
2,4,5-TP (Silvex)	ND	0.0002	0.05
2,4-D	ND	0.0001	0.07
Alachlor	ND	0.0002	0.002
Aldicarb	ND	0.001	0.007
Aldicarb sulfone	ND	0.001	0.007
Aldicarb sulfoxide	ND	0.001	0.007
Atrazine	ND	0.0001	0.003
Carbofuran	ND	0.001	0.04
<b>Product&gt;</b>	<b>Spring Water</b>	<b>Detection Limit</b>	<b>FDA SOQ</b>
<u>Synthetic Organic Chemicals (cont.)</u>			
Chlordane	ND	0.0001	0.002
Dalapon	ND	0.001	0.2

1, 2-Dibromo-3-chloropropane (DBCP)	ND	0.00001	0.0002
Dinoseb	ND	0.0002	0.007
Dioxin (2,3,7,8-TCDD)	ND	5pg/L	30pg/L
Diquat	ND	0.001	0.02
Endothall	ND	0.009	0.1
Endrin	ND	0.0002	0.002
Ethylene dibromide (1,2-Dibromoethane)	ND	0.00001	0.00005
Glyphosate	ND	0.006	0.7
Heptachlor	ND	0.00001	0.0004
Heptachlor epoxide	ND	0.00001	0.0002
Lindane	ND	0.00002	0.0002
Methoxychlor	ND	0.0001	0.04
Oxamyl (vydate)	ND	0.001	0.2
Pentachlorophenol	ND	0.00004	0.001
Picloram	ND	0.0001	0.5
Polychlorinated biphenyls (PCBs)	ND	0.0005	0.0005
Simazine	ND	0.0001	0.004
Toxaphene	ND	0.001	0.003

**Product>**

**Spring Water**

**Detection  
Limit**

**Lowest  
SOQ**

Water Properties

Color

ND

3.0

15

Corrosivity	-0.99		
Turbidity	ND	0.1 NTU	0.5 NTU
pH	7.2	0.01 SU	6.5-8.5 SU
Odor	ND	1 T.O.N.	3 T.O.N.

Radiological Contaminants

Gross alpha	1.84		15 pCi/L
Gross beta	2.91		50 pCi/L
Radium 226	0.000		5
Radium 228	0.319		5

Microbiological Contaminants

Total Coliform	ND	1 CFU/ml	1 CFU/ml
Heterotrophic Plate Count	ND	1 CFU/ml	500 CFU/ml

**Product>**

**Spring Water    Detection  
Limit                Lowest  
SOQ**

Unregulated Contaminants (IBWA  
template list)

Dibromomethane	ND	0.0005	No standard
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1,3-Dichlorobenzene	ND	0.0005	No standard
1,1-Dichloropropene	ND	0.0005	No standard
1,1-Dichloroethane	ND	0.0005	No standard
1,1,2,2-Tetrachloroethane	ND	0.0005	No standard
1,3-Dichloropropane	ND	0.0005	No standard
Chloromethane	ND	0.0005	No standard
Bromomethane	ND	0.0005	No standard
1,2,3-Trichloropropane	ND	0.0005	No standard
1,1,1,2-Tetrachloroethane	ND	0.0005	No standard
Chloroethane	ND	0.0005	No standard
2,2-Dichloropropane	ND	0.0005	No standard
2-Chlorotoluene	ND	0.0005	No standard
4-Chlorotoluene	ND	0.0005	No standard
Bromobenzene	ND	0.0005	No standard
trans-1,3-Dichloropropene	ND	0.0005	No standard
1,2,4-Trimethylbenzene	ND	0.0005	No standard
1,2,3-Trichlorobenzene	ND	0.0005	No standard
Propylbenzene	ND	0.0005	No standard
n-Butylbenzene	ND	0.0005	No standard
Naphthalene	ND	0.0005	No standard



<b>Product&gt;</b>	<b>Spring Water</b>	<b>Detection Limit</b>	<b>FDA SOQ</b>
<u>Unregulated Contaminants (IBWA template list)</u>			
Hexachlorobutadiene	ND	0.0005	No standard
1,3,5-Trimethylbenzene	ND	0.0005	No standard
4-Isopropyltoluene	ND	0.0005	No standard
Isopropylbenzene	ND	0.0005	No standard
tert-Butylbenzene	ND	0.0005	No standard
sec-Butylbenzene	ND	0.0005	No standard
Trichlorofluoromethane	ND	0.0005	No standard
Dichlorodifluoromethane	ND	0.0005	No standard
Bromochloromethane	ND	0.0005	No standard
<u>Other unregulated Contaminants</u>			
Methomyl	ND	0.001	
Carbaryl	ND	0.001	
3-Hydroxycarbofuran	ND	0.001	
Dicamba	ND	0.0001	
Bentazon	ND	0.0002	
Molinate	ND	0.0002	
Propachlor	ND	0.0002	
Metribuzin	ND	0.0002	
Metolachlor	ND	0.0002	
Thiobencarb	ND	0.0002	
Aldrin	ND	0.00007	

<b>Product&gt;</b>	<b>Spring Water</b>	<b>Detection Limit</b>	<b>FDA SOQ</b>
<u>Other unregulated Contaminants (cont.)</u>			
Butachlor	ND	0.0002	
Dieldrin	ND	0.00002	
Trichlorotrifluoroethane	ND	0.0005	
Perchlorate	0.00008	0.00005	Ma 0.002

**ND = None Detected\_\_**

