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Alabama Mineral Springs, LLC

Fact Sheet on Simply Artesian Spring Water

"120 Years of Mineral Rich Water and Still Going Strong!"

**Around the turn of the century, legend has it that a woman was searching for her lost lamb and found a natural free flowing artesian spring. The cold, clear water was thought to be rich with minerals. A resort was later built. People came from all around to drink and bathe in the mineral rich water.**

**With modern science, testing shows the water to have six of the seven electrolytes and a host of other naturally occurring minerals. We are bottling under the name "Simply Artesian Mineral Rich Spring Water."**

Our water is a documented, naturally occurring, free flowing artesian spring since the late 1880's. Our water is mineral rich with an average of 172 ppm of total dissolved solids. Conductivity is the measure of the ability of the water to conduct electricity. It increases as the amount of dissolved ionic solids increase. These solids are the desirable minerals abundantly present in our water, bringing a premium price. Our water has a conductivity value of

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270, compared to 33 at another regional bottler in Alabama, and other top selling mineral waters have a conductivity value at 150-330. See our Glossary of Minerals.

## ***Alabama Mineral Springs, LLC***

### **Glossary of Minerals:**

**Bicarbonate** is responsible for maintaining the balance of acids and bases in your body, i.e., the pH value.

<https://www.gerolsteiner.de/en/minerals/bicarbonate/>

**Boron** is an important trace mineral essential for the bones, aids in wound repair, maintains hormone balance and helps with magnesium absorption.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4712861/>

**Calcium** is used by the body to build and maintain strong bones. Your heart, muscles and nerves also need calcium to function properly.

<https://www.mayoclinic.org/healthy-lifestyle/nutrition-and-healthy-eating/in-depth/calcium-supplements/art-20047097>

**Chloride** is one of the most important electrolytes in the blood. It keeps the fluids of your cells in balance. It also maintains proper blood volume, pressure, and pH.

<https://www.uofmhealth.org/health-library/hw6323>

**Iron** is a mineral that the body needs for growth and development. Your body uses iron to make hemoglobin, a protein in red blood cells that carries oxygen from the lungs to all parts of the body, and myoglobin, a protein that provides oxygen to muscles. Your body also needs iron to make some hormones.

<https://ods.od.nih.gov/factsheets/Iron-Consumer/>

**Magnesium** is needed by the body for many tasks. Involved in more than 300 chemical reactions, muscles need this mineral to contract; also, for nerves to send and receive messages. It keeps your heart beating steadily and your immune system strong.

<https://www.health.harvard.edu/staying-healthy/what-you-should-know-about-magnesium2>

**Manganese** is a mineral needed to stay healthy. Your body uses manganese to make energy and protect your cells from damage. Your body uses manganese for strong bones, reproduction, blood clotting, and a healthy immune system.

<https://ods.od.nih.gov/factsheets/Manganese-HealthProfessional/>

**Phosphorus** is important role in how the body uses carbohydrates and fats. It is also needed for the body to make protein for the growth, maintenance, and repair of cells and tissues. Phosphorus also helps the body store energy.

<https://medlineplus.gov/ency/article/002424.htm>

**Silica** prevents deformities in skull and peripheral bones avoiding poorly formed joints, and reduced contents of cartilage, collagen, as well as disruption of mineral balance in the femur and vertebrae. Silica exists in various parts of nature and compelling data support myriad beneficial effects of silica in spring water.

<https://pubmed.ncbi.nlm.nih.gov/17435951/>

**Sodium** is essential in small amounts. Your kidneys naturally balance the amount of sodium stored in your body for optimal health. It maintains fluid balance, helps transmission of nerve impulses and muscle control.

<https://www.mayoclinic.org/healthy-lifestyle/nutrition-and-healthy-eating/in-depth/sodium/art-20045479>

**Sulfate** is required for proper cell growth and development of any organism. It is involved in a variety of important biological processes, including biosynthesis and detoxification.

<https://journals.physiology.org/doi/full/10.1152/physrev.2001.81.4.1499>

**pH** The letters pH stand for "power of hydrogen" and is used to define the acid/alkaline levels of liquids. The pH scale is a set of standard solutions whose pH is established by international agreement. pH value indicates whether a fluid is strongly acidic (pH value 0), neutral (pH value 7) or strongly alkaline (pH value 14)

<https://www.gerolsteiner.de/en/minerals/bicarbonate/>

## Results from the University of Georgia Water Conservation Lab

PH 7.4

Alkalinity 132 ppm

Aluminum (Al) negligible 0.2 ppm (S)

Antimony (Sb) negligible 6 ppb (P)

Arsenic (As) negligible 10 ppb (P)

Beryllium (Be) negligible 4 ppb (P)

Bicarbonate (HCO<sub>3</sub>) 162 ppm \*\* !

Boron (B) 0.01 ppm No Set Maximum !

Cadmium (Cd) negligible 5 ppb (P)

Calcium (Ca) 53.1 ppm No Set Maximum \*\* !

Carbon Dioxide (CO<sub>2</sub>) 16.28 ppm

Chloride (Cl) 1.72 ppm 250 ppm (S) \*\* !

Chromium (Cr) negligible 100 ppb (P)

Conductivity (@ 25°C) 277 µS/cm c (µS/cm = µmhos/cm)

Copper (Cu) negligible 1.0 ppm (S) 1.3 ppm (P)

Fluoride (F) negligible 2.0 ppm (S) 4.0 ppm (P)

Iron (Fe) 0.26 ppm 0.30 ppm (S) !

Lead (Pb) negligible 15 ppb (P)

Lithium (Li) 0.007 ppm No Set Maximum !

Magnesium (Mg) 2.8 ppm No Set Maximum \*\* !

Manganese (Mn) 0.36 ppm 0.05 ppm (S) !

Molybdenum (Mo) negligible No Set Maximum

Nickel (Ni) 2.10 ppb No Set Maximum !

Nitrate-Nitrogen (NO<sub>3</sub>—N) negligible 10.0 ppm (P)

Phosphate (PO<sub>4</sub>) negligible

Phosphorus (P) 0.04 ppm No Set Maximum \*\* !

Potassium (K) negligible No Set Maximum

Selenium (Se) negligible 50 ppb (P)

Silica (SiO<sub>2</sub>) 12.66 ppm No Set Maximum !

Silver (Ag) negligible 100 ppb (S)

Sodium (Na) 1.3 ppm No Set Maximum \*\* !

Sulfate (SO<sub>4</sub>) 7.18 ppm 250 ppm (S) !

Thallium (Tl) negligible 2 ppb (P)

Total Dissolved Solids (TDS) – 172 ppm (Guardian test 9/17/19)

Uranium (U) negligible 30 ppb (P)

Zinc (Zn) negligible 5.0 ppm (S)

! Beneficial to the human body

\*\* Naturally occurring Electrolytes

## **Written by Rebecca Tucker; Chilton News, July 20, 2021**

The Collins Chapel Fire Department held a controlled burn and defensive training exercise in the Mineral Springs community of Chilton County. The original Mineral Springs Health Resort Hotel built in 1911 was burned on Saturday, July 17, 2021. Over the years, the property has seen a variety of uses, but has sat vacant for the last 25 years. When the resort was originally built, people went there to drink and bathe in the mineral rich water of the artesian spring located on the property.

Alabama Mineral Springs, LLC has purchased the land and the company is planning on breaking ground there for a new bottling plant within the next year. The company will take advantage of the mineral rich water, which contains manganese and iron, to bottle the water that flows from the underground spring. The mineral rich water also contains six of the seven known electrolytes such as bicarbonate, calcium, chloride, magnesium, and sodium along with a host of other minerals that are good for the body. The 16.9-ounce bottles will be available to the public through stores in the summer of 2023. Since March of this year, the bottling company has been testing and having the water monitored which has proven to have great results. The water must go through twelve months of testing prior to the company beginning the bottling process.

The projected date for being fully operational is May of 2022. Sixteen gallons of water per minute flows freely from the two openings where the spring is located on the property. The spring is projected to be anywhere from 130 feet to 300 feet deep. The company plans on having one 12,000 and two 1500-gallon tanks which will house the water from the spring.

Residents in the area have expressed concerns regarding the road leading to the site where the plant will be located. Diana Windsor, Sales and Marketing Manager of the company, said, "We are going to build a two-lane road down to our facility from Hwy 51. We are getting estimates now to widen the existing road and add a merge lane on Hwy 51 for the protection of the locals. No eighteen wheelers, or any box truck, nothing involved in our operation is going past our property on County Road 187. There will be signs up that say no trucks allowed. The trucks will go up the two lane on County Road 187 and there will be a merge lane at the top of the hill for entrance to Hwy 51 and the trucks will only be able to go right on the merge lane. We are doing everything we can to protect the public."

Company representatives have been working through the Chilton County Industrial Development Authority. "We are going to keep our carbon footprint as small as we possibly can," Windsor said. "That's why we took out the old hotel to have a sanitary area to build our building."

The projected new building will be 160 feet by 70 feet. It will be built on the same spot. "It will be a quiet operation, no loud noises," Windsor said. "It will be a very nice, clean industry. We will hire five people for the first shift. If we are fortunate enough to sell more water, we will put on a second shift for another five people." There will also be office staff and guards on duty. The company officers are Marty Malizio, CEO and Vince Malizio COO.