

# Annual Drinking Water Quality Report for 2023



## Powdersville Water MEETS ALL STANDARDS

Powdersville Water (PW) is very pleased to provide you with the 2023 Annual Drinking Water Quality Report. Keeping you, our customer, informed about water quality and the services that we deliver to you every day is of great importance to us. PW's primary goal is, and always will be, to provide you with a safe and dependable supply of drinking water. The Environmental Protection Agency (EPA) and the South Carolina Department of Health & Environmental Control (SCDHEC) have established strict standards for drinking water. These standards are in place to protect consumers from bacteria and water-borne illnesses. PW is pleased to report that our drinking water is safe and meets all of the

federal and state standards. We collect hundreds of bacteriological samples each year throughout the system to ensure your drinking water is safe. The samples are analyzed by a private lab that is certified by SCDHEC.

In addition, PW continually conducts a System Flushing Program to ensure adequate chlorine residual is maintained throughout the system so that proper disinfection of your drinking water always occurs. The enclosed reports are further indication that PW is meeting the requirements of the law, and the bottom line is that you have safe, high-quality drinking water.

### HOW IS YOUR WATER TREATED?

As described earlier, PW is a distributor of drinking water that is purchased from three licensed suppliers. Each of the filtration facilities that provide water to PW uses similar processes that involve coagulation, sedimentation, filtration and disinfection. Coagulation is a process by which a chemical, such as alum, is added to help small particles settle out from the source water. The pH is adjusted with very small amounts of sodium hydroxide, or caustic soda, filtration occurs, polyphosphates are added for corrosion control, chlorine and ammonia are added for disinfection, and fluoride is provided to prevent tooth decay. We are fortunate that each of our suppliers has modern facilities that continually provide our community with quality drinking water. In addition, each of our suppliers has a Source Water Assessment file at SCDHEC. This document summarizes an in-depth survey that was recently performed on the watershed for each of our suppliers. Part of the report outlines an inventory of the potential contaminant sources (PCS) that are located in each watershed. Each PCS is then assigned a level of severity based upon its potential to contaminate the source water. The assessment provides a good planning tool for future growth and is designed to inform public officials and the general public of how our daily living practices may impact our sources of drinking water. In addition, the report outlines measures of protection for each watershed. If you would like to review these documents, they are available online at [www.scdhec.gov/water/html/srcwtr.html](http://www.scdhec.gov/water/html/srcwtr.html).



### Where Does YOUR WATER COME FROM?

Your drinking water originates from three separate suppliers. Greenville Water and Anderson Regional Joint Water System (ARJWS) are primary, while Easley Combined Utilities is utilized as an auxiliary source. PW purchases water from these suppliers by means of several connections throughout the system. Each supplier provides filtered surface water to PW that is treated to SCDHEC Drinking Water Standards. ARJWS supplies PW with treated water from Lake Hartwell, Easley supplies its treated water from Saluda Lake. Treated water from Lake Keowee is the third source that is provided by Greenville's state-of-the-art filtration plant. We are very fortunate in the Powdersville Community to have several pristine sources of surface water to draw from to provide an adequate water supply for our growing population during normal weather conditions, as well as during drought situations.

### WANT TO KNOW MORE?

For more information about your quality drinking water source, simply call our Operator of Record, Chris Rasco, at Powdersville Water office at **864-269-5440**.



FOR MORE INFORMATION  
visit our website at  
[www.PowdersvilleWater.org](http://www.PowdersvilleWater.org)