

# Buckhorn Ranch Water Service LLC.

## Water Quality Status

Buckhorn Ranch Water Service (BRWS) was formed in the summer of 2018 when the Buckhorn Ranch HOA purchased the water rights and other water company assets of the now defunct Upper East River Company out of bankruptcy. The Buckhorn Ranch HOA was fully aware of the water status and the work that needed to be done. The new filtration system has been incorporated as an element of the overall master plan to remake Buckhorn Ranch into an even more desirable place to live.

In the spring 2108 the State of Colorado Department of Public Health & Environment (CDPHE) notified Buckhorn Ranch Water Service (BRWS) after the testing done in 2017 showed that our water supply to be GWUDI (Ground Water under Direct Influence). The testing found particulate matter associated with ground water in the water supply.

BRWS immediately implemented a procedure to meet the filtration and disinfection requirements of *the surface water treatment rule* including Turbidity (water clarity) and Disinfectant (chlorine) residual monitoring. BRWS hired JVA Consulting Engineers to design an updated filtration system and submitted the plan according to the CDPHE process and is waiting for State approval and permit issuance before installation of the new filtration system can be completed.

Since implementation the BRWS has met or exceeded all of the State of Colorado testing requirements and passed all of the City of Gunnison Lab screenings. **THE WATER IS SAFE!**

## The Treatment (Disinfectant) based on the States findings require:

- Increase Chlorine level from .2 to 2.0 parts per million (disinfectant)
- 2 months of daily Turbidity monitoring for water clarity – completed and Passed
- Daily Chlorine residual monitoring at the entry point to the distribution system
- Water collection for Bacteria testing submitted once a month to the City of Gunnison Labs

BRWS has never failed a test since the programs implantation – **THE WATER IS CLEAN!**

## New Filtration System

BRWS has hired JVA Consulting Engineers to design an updated filtration system to be installed as part of a planned major overhaul of the water system. JVA Consulting is working with CDPHE on the filtration system design and when approved and the permit issued by the CDPHE Water Quality Control Division the filtration system will be installed.

**A Tier 2 Warning** was issued due to the fact that the CDHPE violation required the new filtration system to be installed by October 1, 2019. The treatment plan implemented above remains in effect with the same results – the water is clean and safe! As soon as the State issues the permit to BRWS the filtration system will be installed.