

Deep well installation began in December 2022. So far, we've installed over 135 deep wells, and work will continue until all requested wells are in place.

The Results Are In

Based on over 250 independent laboratory tests of water from Deep Wells installed with treatment systems, the drinking water meets all relevant standards.

- **Water is below any promulgated criteria for PFAS**
- **Naturally occurring elements are successfully treated** to meet applicable standards.

DESIGN DELIVERS SAFE WATER

In 2023, Tyco completed additional studies under a WDNR-approved 2022 work plan to confirm deep aquifer and rock properties. Results verified the aquifer as a safe drinking water source, and the final well design was submitted to WDNR in August 2023.

Safe Construction

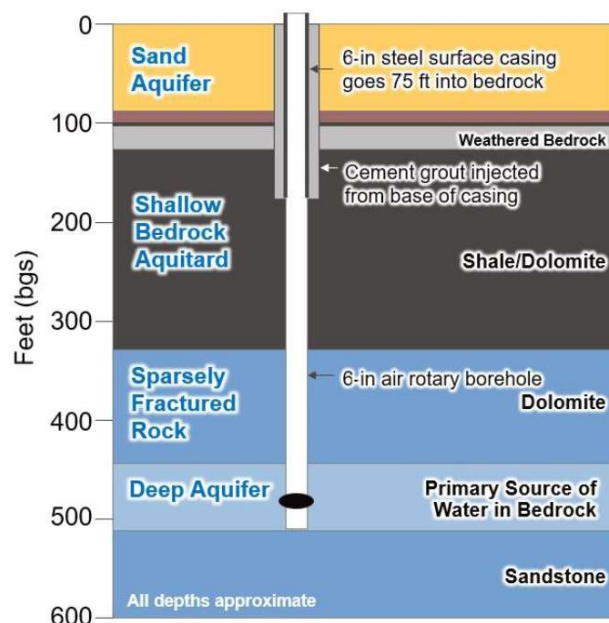
- Wells pull water from deeper aquifer (450-500+ ft.)
- Steel casing cemented into solid bedrock to prevent shallow groundwater from moving into the deeper aquifer
- 200 feet of bedrock protects the deep aquifer against PFAS in shallow water

Water Treatment

- Three naturally occurring elements - radium, strontium and sulfate – treated with reverse osmosis system (RO) to meet relevant standards
- A water softener reduces hardness of water and further removes radium

Water Testing

- Well water tested after connection to the house and installation of treatment system; results sent to property owner & WDNR
- Drinking water from individual wells tested for PFAS and naturally occurring elements quarterly for 1 year



Multiple site investigation activities demonstrated the PFAS impacts from Tyco's historic operations are limited to the sand aquifer and weathered bedrock geology. The well design (above) seals the new wells from the upper aquifer allowing wells to draw from a deeper aquifer protected by approximately 200 feet of competent bedrock and unimpacted by PFAS.

Long-Term Quality Assurance

- Tyco will install and operate a monitoring well network for long-term monitoring of the deep aquifer under WDNR supervision and report results publicly
- If PFAS or natural elements detected above applicable drinking water levels, Tyco will work with property owner(s) & WDNR to ensure safe drinking water and fund the solution