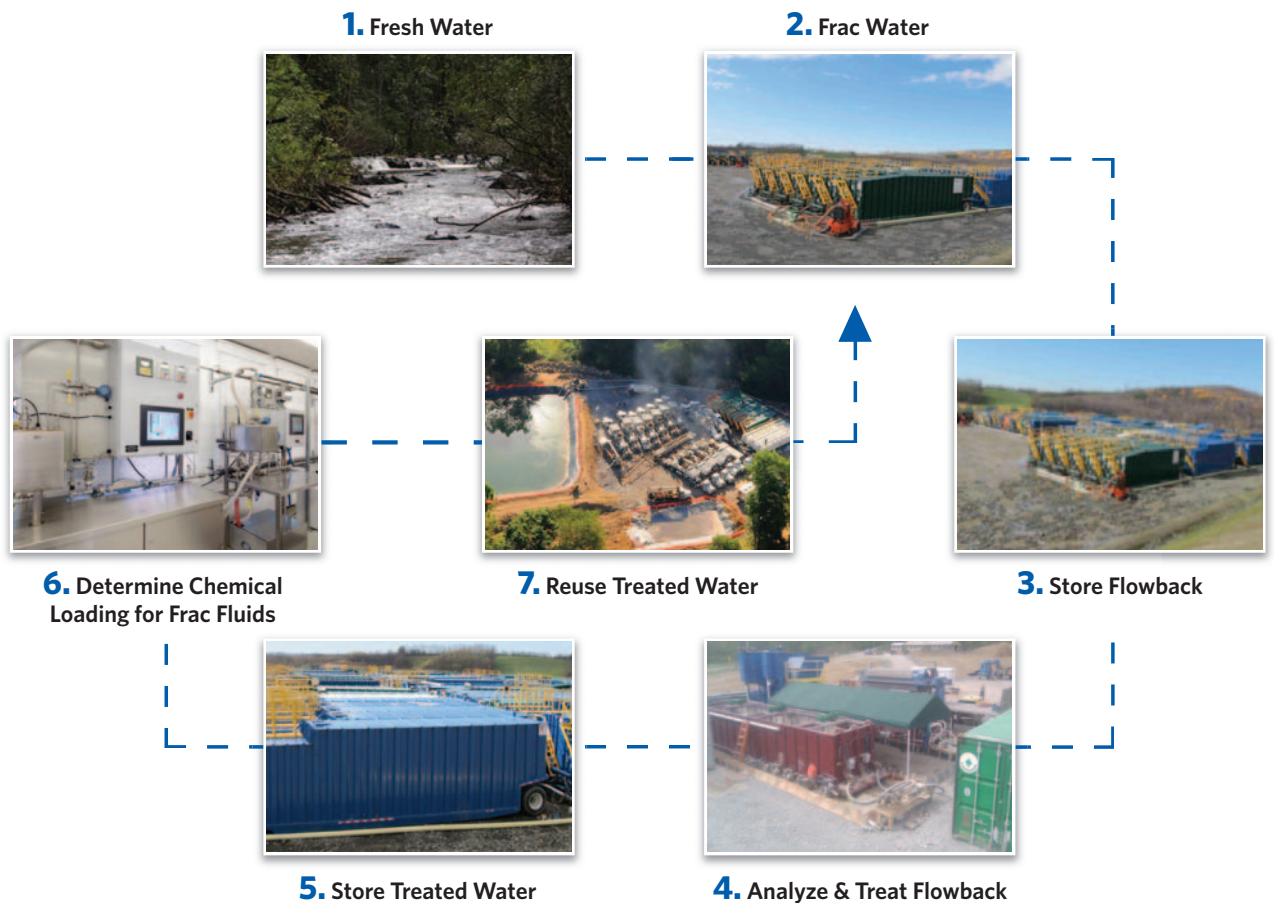


FLOW CHART

7 Steps to 100% Frac Water Reuse

Kroff Well Services, Inc. (KWS) has developed innovative solutions that enable our strategic partners to reuse frac water based on scientific assessments of geochemistry, FR loop evaluations and the knowledge of specific components that need to be selectively removed.

To evolve from fresh water to reusable treated water through the fracturing process, KWS has developed a seven-step logistical and analytical process.



4. Analyze & Treat Flowback

Sample analysis enables KWS to engineer a treatment scheme that involves several processes, including sedimentation and filtration, as well as chemical additions that remove unwanted components.

6. Confirm the Water is Safe and Effective for Frac Water Reuse

KWS uses state-of-the-art friction reduction loops to simulate the FR performance of the treated water. Also provided is geochemical modeling that can confirm the prevention of scale and metal deposits in formation. A complete microbiological analysis for proper biocide selection also occurs.