

*Delivering Clean Frac Water Treatment
Solutions Through Better Technologies*



WATER TREATMENT SOLUTIONS

Water Treatment Solutions

TETRA Water Management provides transfer, treatment, and storage services to deliver fresh, flow back, and produced water that meets demanding specifications for hydraulic fracturing and unconventional (shale plays) well completions.

Fracing operations need a clean frac fluid downhole that is bacteria, scale, and corrosion-free, compatible with other frac chemicals, and environmentally friendly by being quick acting and quick degrading. Since blending and transfer go hand-in-hand for an optimal frac fluid, any treatment depends on having a continuous homogenous supply of water to treat. TETRA delivers clean frac water through patented and proprietary, specifically engineered technologies, which not only transfer water, but also monitor and validate performance and make feed rate adjustments "on-the-fly" in a cost-effective and safe manner.

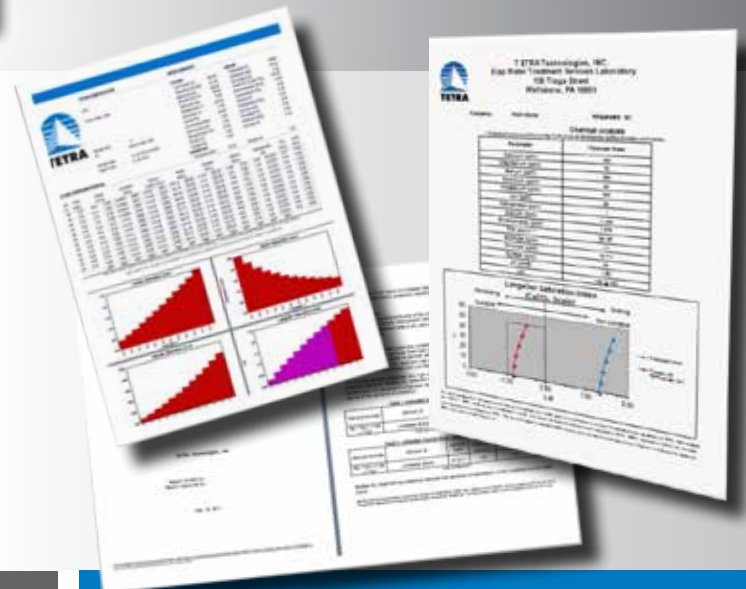
"Green" Treatment Solutions—

TETRA's filtration, blending, and "green" treatment chemistry provides bacteria and scale-free water going downhole.

BioRid®

TETRA Water Treatment Benefits:

- BioRid® and TETRAClean™ Treatment added to blending manifold ahead of working tanks
- Real-time monitoring and performance validation
- Fewer compatibility concerns with other frac additives
- Self-contained mobile lab and delivery system
- Complete pre- and post-job water analysis



Water Treatment Solutions

TETRA Treatment

- BioRid® biocides and TETRAClean™ additives injected at our patented blending manifold ahead of the working tanks
- Fast acting, quick degrading, "green" biocides kill bacteria as frac water moves through the tanks
- Real-time adjustments to ensure adequate treatment
- Performance validated

Conventional Treatment

- Non-oxidizing, slower acting biocides added at the blender
- Negative environmental impact
- Potential for bacteria not being completely treated going downhole
- No real-time measurement of results
- Cannot validate



Operational Excellence—

Our custom-designed, patented blending manifold delivers consistent, homogeneous frac water and allows dispersion of additives ahead of the working tanks.

TETRAClean™





HEALTH, SAFETY & ENVIRONMENT

"At TETRA, there is no job so important nor timetable so critical that we will sacrifice health, safety, or the environment."

Stu Brightman, President & CEO

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**FOCUSED ON ENERGY.
DEDICATED TO SERVICE & SAFETY.**

