

# Oilfield Produced Water Recycling Units



Advances in water treatment technologies paired with potential restrictions on oil and gas produced water disposal could incentivize the beneficial reuse of treated produced water in the O&G industry.

However, the remote nature of O&G operations limits the applicability of many of these solutions, which may be spatially inefficient, require operator supervision, or are ill-suited for the complex nature of produced water. Furthermore, the responsible, sustainable reuse of produced water as an alternative water source requires standardized analytical techniques for characterizing and determining the toxicity of treated produced water and improving our understanding of the fate and transport of various constituents.



Water treatment solutions provided by AquaTreat for frac flowback ensure water to the highest standards for safe reuse for industrial purpose and enhance the safety for water horizons.

- Water withdrawals for hydraulic fracturing in times or areas of low water availability, particularly in areas with limited or declining groundwater resources.
- Spills during the handling of hydraulic fracturing fluids and chemicals or produced water that result in large volumes or high concentrations of chemicals reaching groundwater resources.
- Injection of hydraulic fracturing fluids into wells with inadequate mechanical integrity, allowing gases or liquids to move to groundwater resources.
- Injection of hydraulic fracturing fluids directly into groundwater resources.
- Discharge of inadequately treated hydraulic fracturing wastewater to surface water.
- Disposal or storage of hydraulic fracturing wastewater in unlined pits resulting in contamination of groundwater resources.

AquaTreat has solved such problems by offering mobile automated rental units, fast and easily deployed and mobilization on onshore remote areas and offshore installations. Enabling Oil and Gas service companies to put produced water back to use in fracking and other operations.