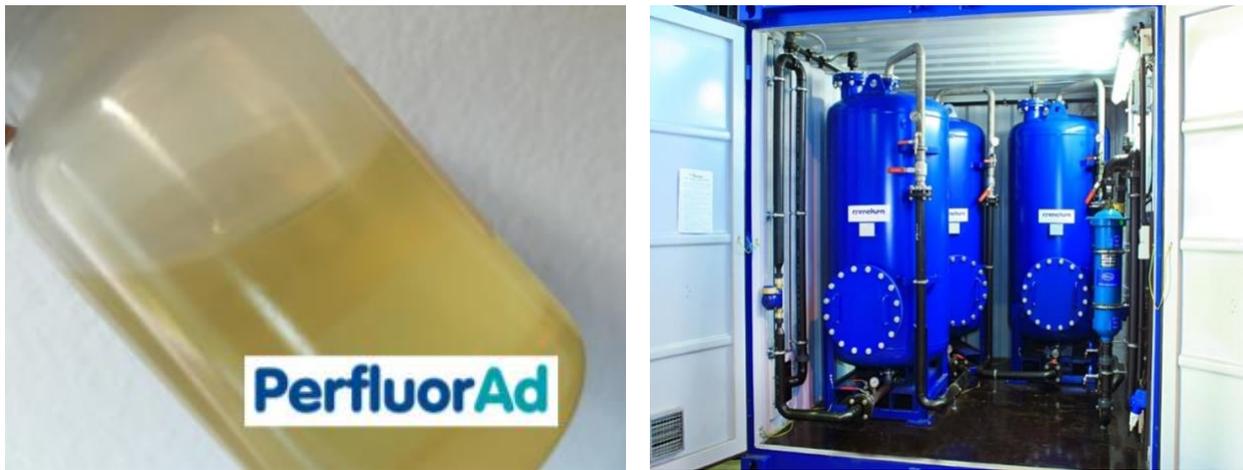


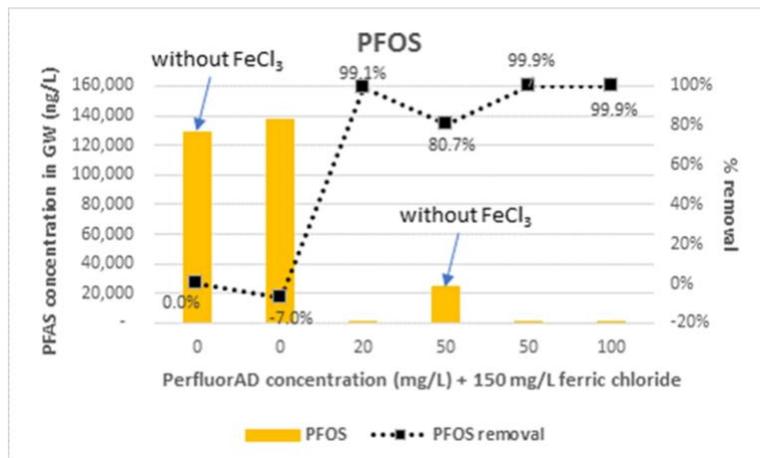
PerfluorAd – PFAS in water remediation

Per- and polyfluoroalkyl substances (PFAS) are a family of more than 5,000 compounds that can persist in the environment for centuries. Further, they are quite soluble and have low vapor pressures, which means they do not volatilize readily.

Cornelsen, a TRS Europe partner, has developed PerfluorAd, a patented PFAS-impacted water treatment technology that involves mixing the aqueous phase PFAS with a flocculent, dropping out up to 99% of the anionic PFAS. Simple filtration methods, such as sand packs, filter the precipitated floc for subsequent treatment.



PerfluorAd works well at elevated PFAS concentrations and in the presence of dissolved organic carbon. You can use PerfluorAd as a stand-alone system or with activated carbon or ion exchange resins as polishing steps. Applications include treatment for landfill leachate, concentrated effluent from pump and treat systems, PFAS-impacted fire-fighting equipment and AFFF-impacted water.



Data courtesy of CDM Smith from its validation of PerfluorAd performance;
PFAS analyses courtesy of Colorado School of Mines