

PFAS Water Treatment Solutions

Extract and Concentrate Per- and Polyfluoroalkyl Substances

Saltworks designs and delivers advanced PFAS water treatment solutions. We offer:

- Optimized PFAS treatment systems, built from EPA-approved technologies.
- Robust treatment processes developed to fit your specific water chemistry and goals.
- Expert process optimization and pilot studies.
- Systems built from standardized, repeatable modular blocks with intelligent automation.
- PFAS-destruction-agnostic stance to deliver a complete system for the lowest total cost.



Modular Xtract unit to treat PFAS

Complete, Modular, Off-Site Commissioned Solutions

Saltworks' PFAS treatment systems are optimized to suit your specific water chemistry, discharge limits, and preferred PFAS disposal or destruction pathway. We are destruction-technology agnostic, offering independent expert insights. We focus on minimizing your costs and waste by-products, alongside robust PFAS extraction and concentration process packages.

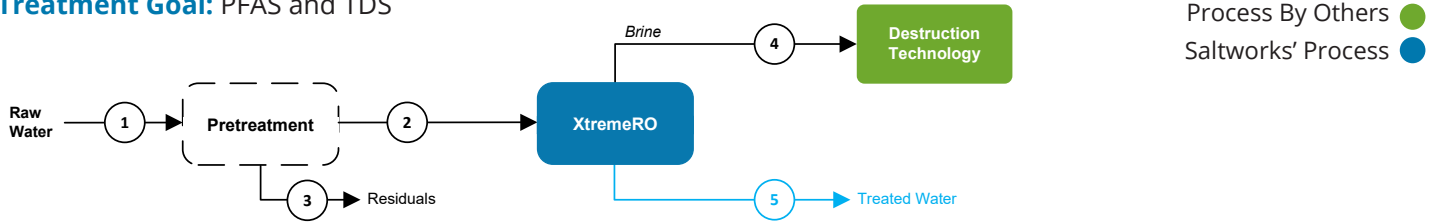
Our PFAS treatment technologies are built from intelligent, modular units optimized for your needs. These solutions incorporate proven, EPA-recognized technologies—including granular activated carbon (GAC), regenerable and single-use ion exchange (IX), reverse osmosis (RO), and nanofiltration (NF)—each matched to specific water chemistries, applications, and waste handling preferences.

The table below outlines typical unit operations, their performance characteristics, compatibility with destruction technology, and the corresponding Saltworks' products. Example treatment pathways are detailed on pg. 2.

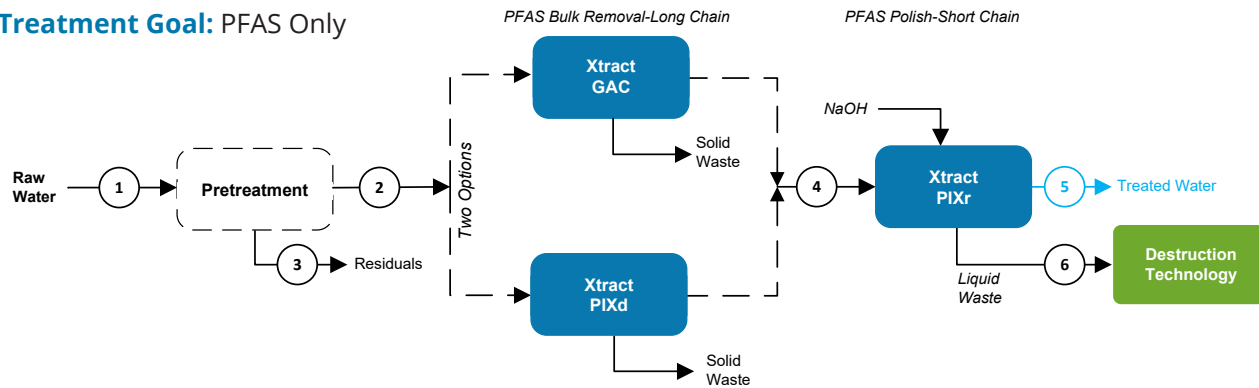
Unit Operation	Long Chain PFAS	Short Chain PFAS	Application	Waste	Destruction System Compatible	Saltworks Product
GAC	Y	N	Bulk removal	Landfill or incinerate	N	Xtract-PAC
IX - Regenerable	N	Y	Polish	IX regen liquid waste	Y	Xtract-PIXr
IX - Disposable	Y	N	Bulk removal	Landfill or incinerate	N	Xtract-PIXd
RO / Nanofiltration	Y	Y	PFAS + TDS	RO brine reject	Y	XtremeRO / SelectNF

Treatment pathways vary with water source and treatment goals. Examples include:

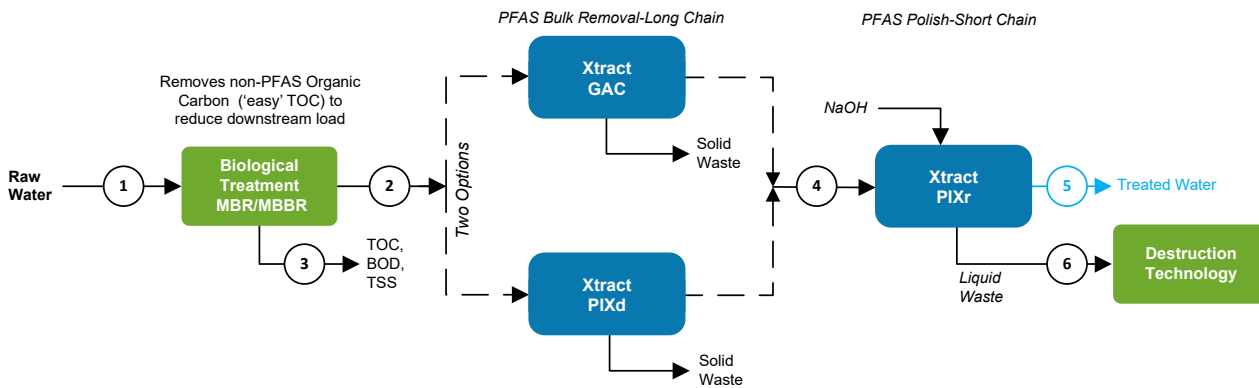
Treatment Goal: PFAS and TDS



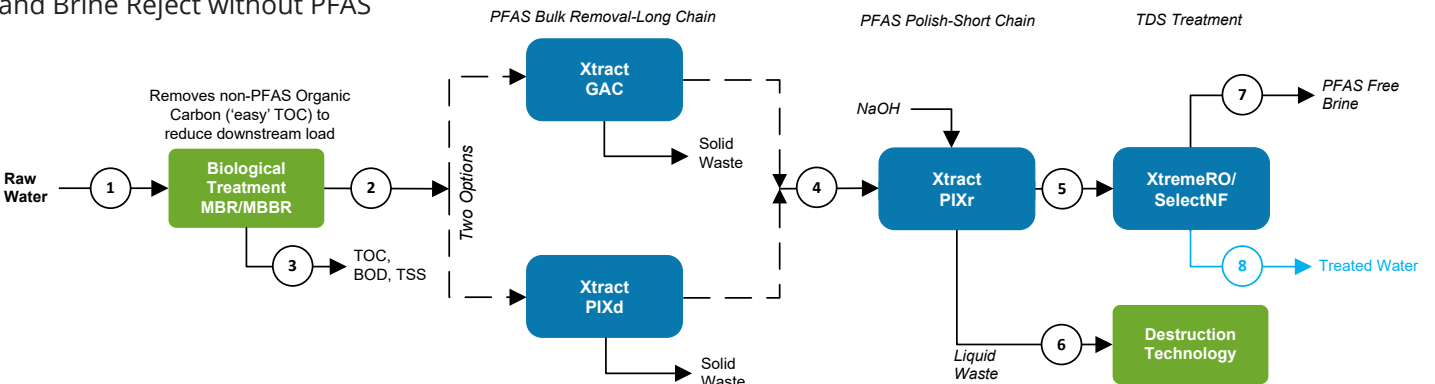
Treatment Goal: PFAS Only



Treatment Goal: PFAS and Organics



Treatment Goal: Organics, TDS and Brine Reject without PFAS



Contact us for an expert review of your PFAS treatment project and options.