



CLEAN WATER AS A SERVICE

HOW TO COMBAT PFAS



FOREVER CHEMICALS

There are thousands of PFAS contaminated sites across North America. Military bases, airports, landfills, drinking and wastewater treatment plants, as well as industrial facilities are at risk of PFAS contamination.

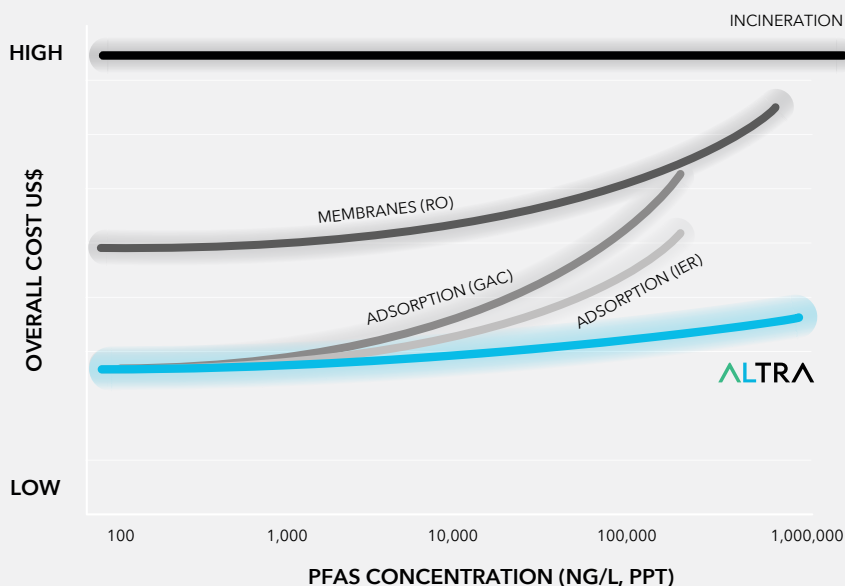
The ALTRA team offers a customized and sustainable approach for treatment of tough to treat, highly PFAS contaminated soil, water and wastewater at a fraction of the cost and risk of solutions that rely primarily on adsorption

media such as activated carbon or ion exchange resins. Our experts pioneered this award-winning foam fractionation technology over 20 years ago to enable physical separation of PFAS from water using their ingenuity.

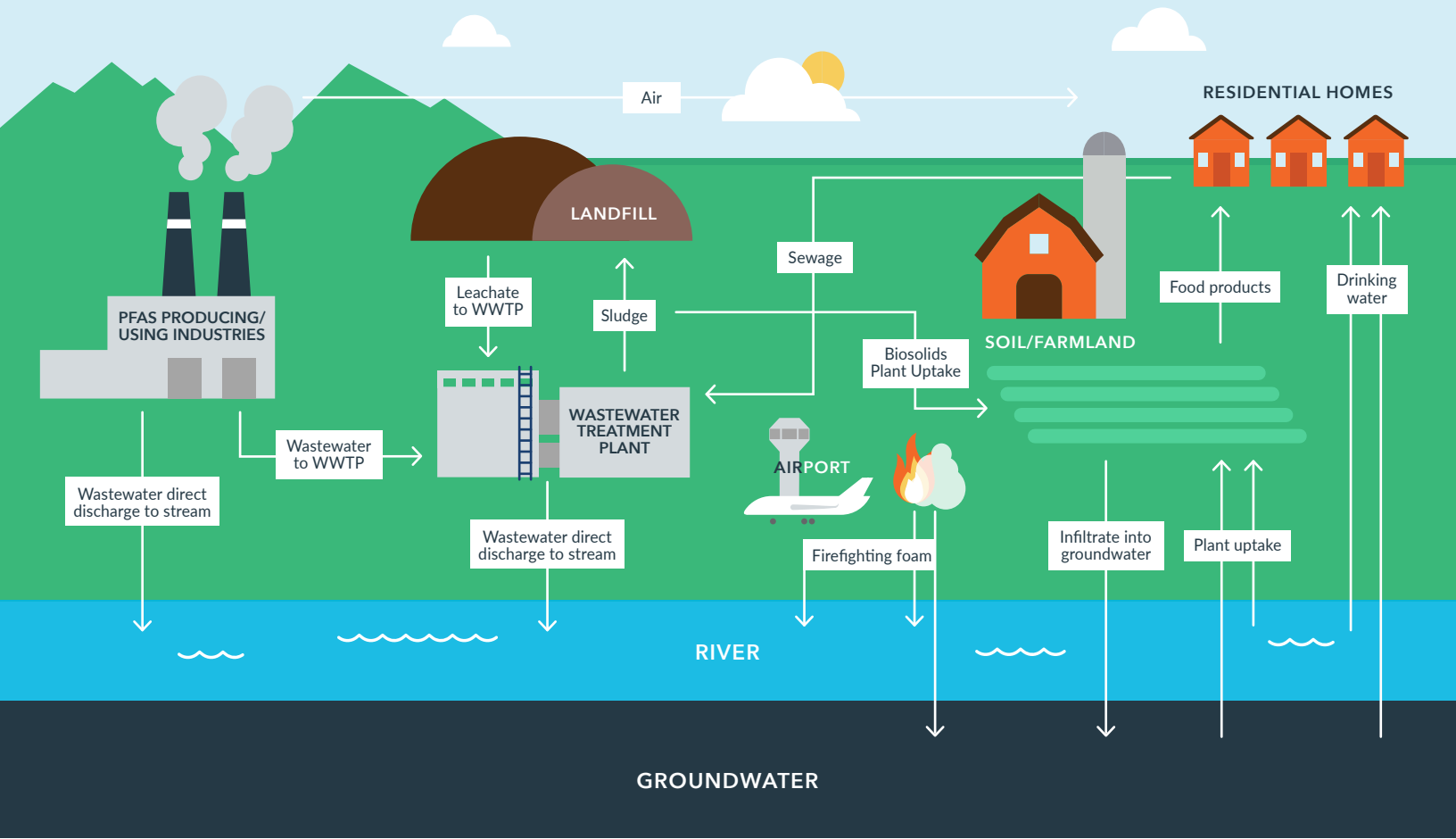
ALTRA's R&D team has completed over 10,000 water tests and analyses for PFAS over the past 18 months - the highest number of tests performed by a single laboratory in North America.

THE SOLUTION

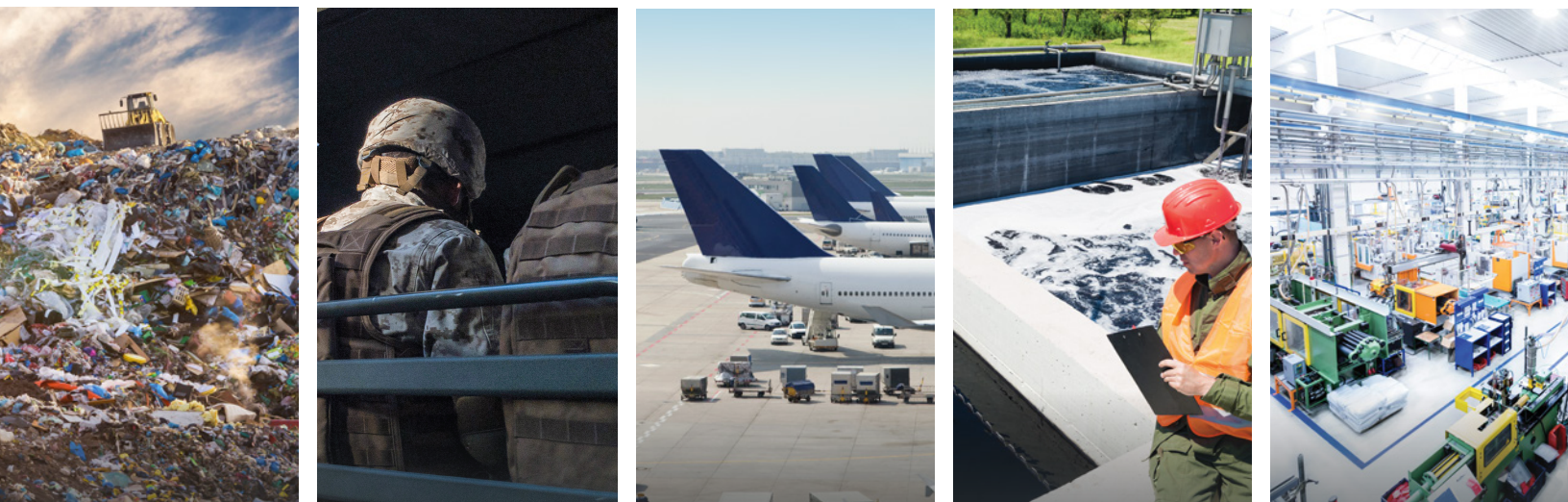
For highly concentrated contaminated environment



THE MOST COMPREHENSIVE UNDERSTANDING OF PFAS LANDSCAPE



INDUSTRIES



LANDFILL

MILITARY

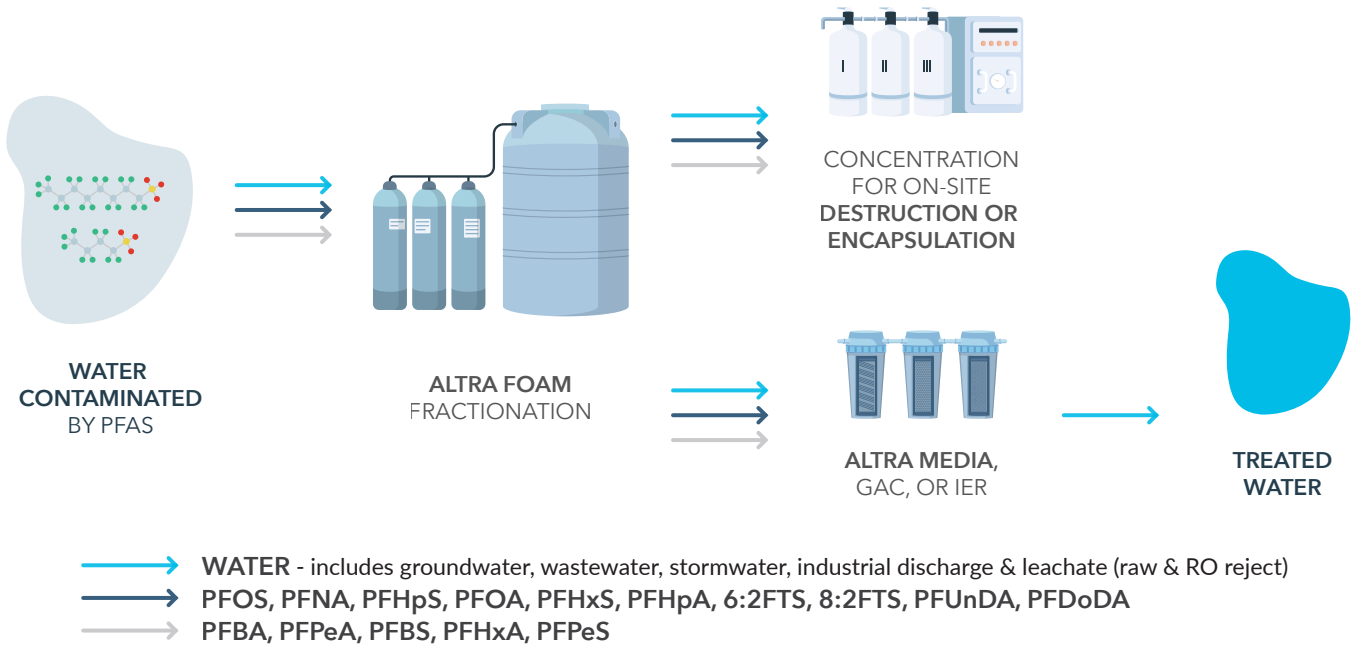
AIRPORT

DRINKING WATER &
WASTEWATER TREATMENT

INDUSTRIAL

We treated **OVER 10 BILLION LITRES** of contaminated water for a broad range of industrial customers.

ALTRA SEQUENCED TREATMENT APPROACH



LONGER Operating Life, **LESS** Media Replacements, **LESS** Operating Costs

ALTRA CONTAINER UNIT

A continuous 24/7 water treatment operation, ALTRA container unit is designed for portability and plug and play application

- Modular, plug & play, containerized units
- 25 - 50 gpm flow rate capacity
- 480 V / 100 Amps / 3 phases
- Insulated for operating below freezing point
- Hydraulic retention pan in both containers for spill management. Various controls of flows and levels to ensure proper operation and spill prevention



KEY DIFFERENTIATORS

01

LOWEST INVESTMENT COST

Our mobile equipment can be used at a relatively low pay-per-use rate, rather than spending millions of CAPEX+OPEX \$ to build a treatment facility

03

SAFEST APPROACH

Close-loop system with zero-emission of PFAS or other toxic gases to the atmosphere. The safest approach available for employees and visitors nearby.

05

OPERATOR-FRIENDLY DESIGN

A continuous 24/7 water treatment, ALTRA container unit is designed for portability and plug and play application

02

HIGHLY CUSTOMIZED APPROACH

We calibrate solutions for the nature and size of any needs (underground water, contaminated soils, wells for potable water, etc.)

04

THE MOST ROBUST

The most versatile and robust remediation technology that has proven its ability to work in waters with high percentages of co-contaminants

06

THE ONLY GUARANTEED SOLUTION

ALTRA provides PFAS treatment services on a 'water-as-a-service' commercial model whereby we design, build, own and operate the treatment system with an agreed level of PFAS removal.



CONTACT



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ALTRA
PFAS TREATMENT SOLUTIONS