

SEPARATE AND CONCENTRATE - TRANSPORT - DESTROY



4never

Destroy PFAS in Contaminated Waters with a Closed-Loop Solution

SURFACE ACTIVE FOAM FRACTIONATION (SAFF®)

SEPARATE AND CONCENTRATE PFAS

SAFF® is manufactured by EPOC Enviro and exclusively distributed in North America by Allonnia. It is a sustainable, physical separation process that uses biomimicry to harness the power of pure air to effectively and rapidly remove PFAS from contaminated waters. This robust technology is unaffected by the presence of co-contaminants, even at high concentrations. SAFF® rapidly achieves a high density, low volume PFAS concentrate, without the use of adsorption media, enabling effective pairing with proven and emerging destruction technologies to create the 4never™ closed-loop PFAS solution. Concentration factors can be enhanced via utilization of EPOC Enviro's Hyper-Concentrator, which helps to further reduce waste volumes, making destruction faster and more efficient.

A PROVEN SOLUTION

SAFF® technology has successfully treated hundreds of millions of gallons of PFAS-contaminated waters and been deployed in many applications, including landfill leachates and complex industrial waste waters. It is a modular, containerized solution for rapid onsite deployment and commissioning.

TREAT COMPLEX LANDFILL LEACHATE WATERS

SAFF®'s robust, low maintenance design is an ideal solution for complex landfill leachate waters as it's not limited by high DOC, TOC, TSS, TDS or the presence of other organic and inorganic compounds. As a result, it requires minimal to no pre-treatment to effectively remove PFAS. The built-in remote telemetry capabilities also allow for minimal operator supervision and 24/7 global oversight.

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THE EPOC SAFF® DIFFERENCE

- Removes >99.9% PFOS/PFOA (below detection limits) as well as many short chain chemistries
- Daily Treatment Capacity: Unlimited
- Lowest cost per treated gallon
- Contributes zero harm by using minimal consumables, minimal labor and produces no waste other than PFAS concentrate
- Energy efficient (estimated rate of 2.5kw / 1000 gallons treated)
- No adsorbent media required
- PFAS concentration factors up to 2 million (1 gallon of PFAS concentrate generated from 2 million gallons treated), making it easier and cheaper to destroy PFAS waste
- Award winning innovation founded on the principle of green chemistry and sustainable engineering design



4never



THREE COMPANIES, ONE COMPLETE SOLUTION

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