COFLUX
PURIFICATION

Breakthrough technology **erasing** forever chemicals.

PFAS: The hidden threat in your everyday life

PFAS (per- and polyfluoroalkyl substances) are everywhere—lurking in your clothes, cookware, personal care products, and even your drinking water. These “forever chemicals” accumulate in our bodies, with most people carrying detectable levels in their blood. Linked to cancer, liver and heart disease, and infertility, PFAS pose a serious health risk. Tackling this crisis is key to ensuring clean, safe water for all, reducing harmful health impacts, and unlocking new possibilities for water reuse. Clean water starts with solving PFAS.

Our Solution

Coflux’s patent-pending catalyst both captures and destroys PFAS, leaving no contaminated waste for disposal.
By integrating it into standard UV reactors, we optimize proven water technology to destroy PFAS from wastewater streams.

Built in Rice University’s labs, our catalyst is a covalent organic framework (COF), providing a tunable, stable, and metal-free material for capturing and degrading PFAS.

At Coflux, we’ve developed a breakthrough technology that not only captures but also destroys PFAS at the source. We’re empowering large manufacturers to clean their wastewater, preventing PFAS contamination and delivering safer, cleaner water to communities everywhere.

The Coflux Advantage

No contaminated waste

Avoid added cost and liability of contaminated waste disposal through on-site capture and destruction.

Regulatory compliance

On-site PFAS destruction ensures compliance with emerging regulations, eliminating the uncertainty and liability associated with traditional treatment methods.

Scalable solution

With a system the size of an air compressor, implement the reactor easily into current systems, with no disruption to current operations.

2-in-1 Technology

On-site PFAS absorption and destruction eliminates the need for additional technology or infrastructure, streamlining your treatment process.