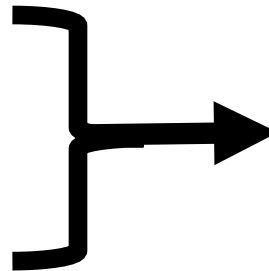


## PFAS Disposal Options

With **Cuf**, the appropriate PFAS capture technology, liquids residuals are eliminated and residual solids are significantly minimized, creating technical/economic viable PFAS disposal options;

- Approved Landfill
- Off Site Incineration or Regeneration
- Cement Kilns
- Deep Well Injection
- Sale of Residual Solids
- Phytoremediation
- Pyrolysis

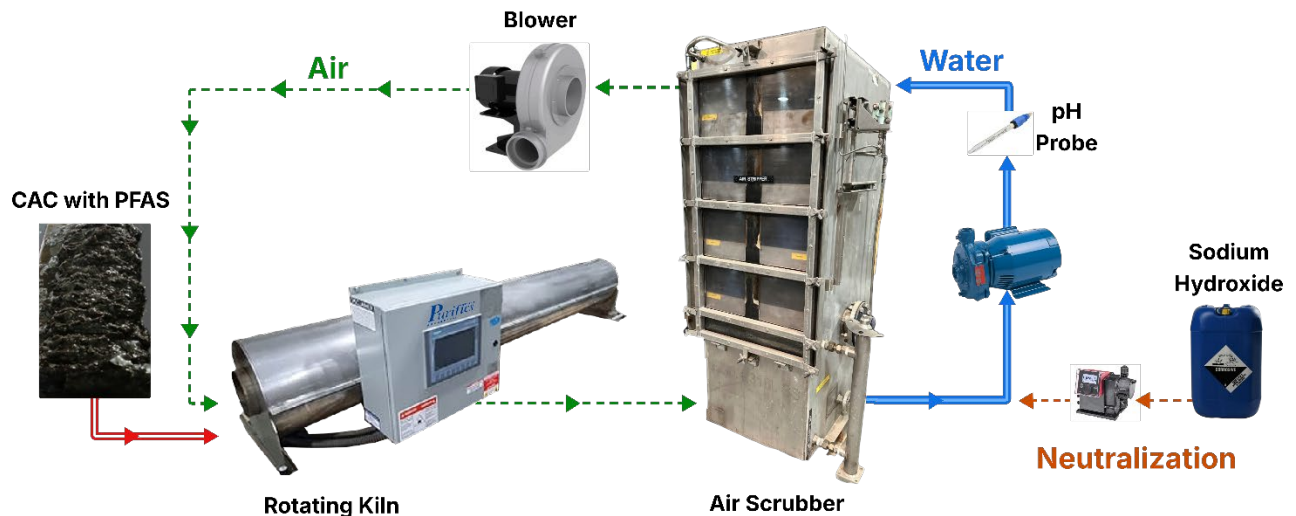


For additional information on Solid Residual Management contact Purifics

**OR** **POD** (PFAS Onsite Destruction)

## POD (PFAS Onsite Destruction)

PFAS is destroyed when exposed to temperatures above 850°C in a simple electrically driven kiln technology. The Hydrofluoric Acid (HF) produced is scrubbed and neutralized into benign Sodium Fluoride (ie. Toothpaste Additive).



POD is an Automated Closed Loop Process that achieves the required temperature, dwell and pH control. PFAS is eliminated as illustrated in the process above in a variety of capacity options. Purifics has experience designing and building custom furnaces to destroy/burn Brominated and other compounds and neutralize their produced Acids.



This POD process is also commercially available at the large industrial scale. A 25-year-old plant of this typical process has been designed by Purifics as shown below.

- **Closed Loop Plant**
- **No Air Emission**
- **No Water Emission**
- **No Generated Waste**
- **No Onsite Operator**

