



Publication

How to destroy 'forever chemicals' for good

Haley & Aldrich's PFAS destruction technology [EradiFluor](#) earned a highlight in the prestigious peer-reviewed journal *Proceedings of the National Academy of Sciences* (PNAS).

Amy McDermott, an associate editor at PNAS, describes the technology in her April 2026 article "[How to destroy 'forever chemicals' for good](#)," which summarizes the treatment methods researchers are exploring to destroy per- and polyfluoroalkyl substances. This group of thousands of chemicals, known as [PFAS](#), is widespread in the environment and notoriously difficult to eradicate. Amy mentions EradiFluor as an example of "one of the most promising approaches": UV light destruction.

Amy notes that Haley & Aldrich has already gotten results using EradiFluor in the real world. "Initial field tests showed that EradiFluor destroyed more than 99% of PFAS in the concentrated wastes," she writes. "The team is now working on a much larger UV setup to treat 100 gallons per day; the wastewater would be clean enough for industrial reuse, or disposal off-site."

Haley & Aldrich's [Yida Fang](#), [Raul Tenorio](#), and [John Xiong](#), who guided the development of EradiFluor, provided information on the technology for the article.

Read "[How to destroy 'forever chemicals' for good](#)."