



Mobile PFAS Decontamination for Firefighting Systems

The Problem We Solve

PFAS “forever chemicals” are embedded in firefighting foam systems across the U.S.

For decades, Aqueous Film-Forming Foam (AFFF) was the standard for firefighting at airports, military bases, and municipal fire departments. Today, we know these foams contain PFAS, a family of persistent chemicals linked to cancer, immune system disruption, and long-term environmental contamination.

Even after foam transitions, legacy PFAS remain:

- Inside fire trucks and ARFF vehicles
- In foam tanks, proportioners, and piping
- In fixed fire suppression systems and training equipment

Draining foam is not enough.

Without proper decontamination, PFAS continues to expose firefighters and contaminate rinse water, equipment, and facilities.

MopUp Solutions helps organizations move forward safely and confidently.

- Reduces day-to-day PFAS exposure risks for firefighters and operators
- Enables compliant transition away from legacy AFFF
- Prevents secondary contamination during cleaning
- Delivers verified, defensible results reducing future liability



2,500 – 3,000 ARFFs likely requiring PFAS decontamination in the next 3–5 years



200,000–300,000 U.S. firefighters have had meaningful occupational exposure to AFFF

About Us

Mission

MopUp Solutions exists to protect those who protect us by reducing PFAS exposure for first responders, defense personnel, and the communities they serve. We deliver safe, mobile, and verified PFAS decontamination for firefighting equipment and systems.

Advanced PFAS destruction technology

MopUp Solutions partners with Enspired Solutions, the developer of the PFASigator®, a mobile PFAS destruction technology designed for on-site treatment.

How it works:

- Captures PFAS-impacted foam solutions and rinse water
- Uses advanced chemistry to break down PFAS compounds
- Converts PFAS into non-persistent byproducts
- Enables controlled, verifiable treatment without long-distance hauling

Why it matters:

- Mobile and scalable
- Designed for firefighting and industrial applications
- Reduces liability and handling risks
- Supports regulatory and environmental compliance



About the Founder

Damon Owens is a West Point graduate and former U.S. Army officer with experience spanning environmental services, public health, and commercial leadership. His career has focused on solving complex, mission-critical problems and is now applied to one of the most urgent environmental challenges facing first responders.

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Protecting Those Who Protect Us

