



**ENSPIRED
SOLUTIONS®**
FOREVER CHEMICALS GONE FOREVER®

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2026 CAPABILITY STATEMENT

SBA WOSB
Woman Owned Small Business



CAPABILITIES STATEMENT

Enspired Solutions® is a women-owned water treatment manufacturing company with deployment-ready equipment that destroys pre- and poly-substances (PFAS) in water on site. Founded in 2021 and headquartered in Lansing, Michigan, Enspired's technology implements EPA and DoW award-winning and patented chemistry to destroy PFAS and return them to non-toxic molecular components - without the need for off-site disposal. The PFASigator®, available for purchase or lease, can be deployed alone or connected to existing water treatment systems for temporary or permanent installations.



CORE COMPETENCIES

Enspired's field-proven, commercially available equipment, the PFASigator, destroys >99% regulated PFAS in water. In commercial applications and testing, the PFASigator has been used to meet client PFAS treatment criteria in over 150 unique waters from different sites representing:

- Groundwater
- Surface Water
- Landfill Leachate
- Municipal Wastewater
- Industrial Wastewater
- Firetruck and Fire System Rinsates
- AFFF
- Sorbent Regenerant
- IX Regenerant
- Anaerobic Digester Digestate

Ideal PFAS concentrations for destruction by the PFASigator are 500 parts per billion (ppb) to hundreds of parts per million (ppm). The treatment capacity for one PFASigator, when combined with on-site PFAS concentration or effluent polishing, can be up to >1 million gallons per day.

Enspired supports client decision-making with multiple services: bench-scale and treatability testing; field pilot testing; conceptual design of full-scale treatment systems; cost estimation; temporary or permanent installation; technician training; on- and off-site technical support; and available maintenance plans.

DIFFERENTIATORS

Enspired is one of the first companies to commercialize a PFAS treatment option that goes beyond capture and disposal. Our patented ultra-violet-light based technology destroys PFAS in water and creates no toxic by-products. Benefits of our technology include:

- Owner-operated, no service contracts required
- >99% PFAS destruction of long chain, short chain and ultra short chain PFAS
- Low energy use and O&M costs
- Designed for ease of set up and operation
- Safely operates with no heating or pressurizing
- Modular and mobile equipment
- Small footprint
- Fully automated
- Multiple US and global patents



PAST PERFORMANCE

DoW ESTCP — PFAS Treatability Testing

2021–Present

Contract to provide treatability testing for destruction of PFAS in liquid wastes from multiple DoW facilities; conceptual design of treatment train; and cost estimate for system construction. Successfully completed, leading to a follow-on field implementation contract.

DoW ESTCP — PFAS Destruction Field Pilot Testing

2024–Present

Contract to provide pilot testing for firetruck decontamination and destruction of PFAS in decon water at a US Air Force facility in Panama City, FL; PFAS destruction in foam fractionate generated from contaminated groundwater at US Navy facility in Virginia Beach, VA; and design and cost estimates for full-scale systems construction. Successfully completed and commercial readiness confirmed.

USACE ERDC – Destruction of PFAS in Aqueous Film Forming Foam (AFFF)

2025–Present

Contract to destroy stockpiled AFFF at USACE facility in Vicksburg, MS. Successfully executed pilot-scale program, informing full-scale system design and lifecycle cost projections.

The Taplin Group – PFASigator Purchase for Various Commercial Applications

2024–Present

PFASigator purchase for a variety of commercial uses, such as decontamination projects and treatment of PFAS contaminated waters. Customer located in Kalamazoo, MI.

Department of Interior, Bureau of Reclamation – PFAS Destruction Pilot Test for Airport Surface Water

2026–Present

Contract to provide pilot testing of treatment train to capture and destroy PFAS in surface water at a municipal airport in Michigan; generate conceptual design of full-scale treatment system; and cost estimate for system construction.

COMPANY DATA

Enspired Solutions is a women-owned and women-led American manufacturing company (Delaware C Corp, 2021).

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Work Area: Nationwide

EST: 2021

NAICS Codes

333310 Water Treatment Equipment Manufacturing

562910 Remediation Services

Certifications: Certified Women's Business Enterprise (WBENC)
SBA Woman Owned Small Business (WOSB)

