



Safe and Compliant AFFF Disposal for the Aerospace & Defense Industry

The Problem:

A leading aerospace and defense contractor needed to dismantle and remove 60,000 gallons of aqueous film-forming foam (AFFF) at its facility in Texas. AFFF contains toxic per- and polyfluoroalkyl substances (PFAS) that pose a significant risk to human and environmental health. The project's complexity was increased by the strict security protocols of the Department of Defense (DoD) facility, which limited site access.

The Solution:

Republic Services provided a turnkey environmental solution ensuring DoD compliance. After removal, the AFFF was stored in on-site frac tanks before transport to our Beatty, NV, hazardous waste facility — a Subtitle C landfill approved by both the client and the DoD. We also disposed of two roll-off dumpsters of contaminated material. This project's success led the customer to award us follow-up contracts for an additional 80,000 gallons of foam and another project involving a non-hazardous foam, Ecopol.

Keys to Success:

The key to success was providing a trusted, single-source solution for a complex PFAS waste stream. Our ability to manage the entire process — from on-site services at a high-security facility to final disposal — reduces liability and risk for our customers. Our expertise and focus on safety and compliance ensure even the most challenging hazardous waste streams are managed responsibly.



Sustainability in Action