

harm free



# PROJECT SNAPSHOT

TOXFREE PROVIDES SAFE WASTE SOLUTIONS FOR THE  
DEPARTMENT OF DEFENCE

## The issue

The Department of Defence required safe removal of 3M AFF light water disposal containing perfluorooctanyl sulfonate (PFOS). Some firefighting foams contain perfluorooctanyl sulfonate (PFOS), a man-made fluorocarbon-based organofluorine compound, surfactant and global pollutant. PFOS is a proposed persistent organic pollutant (POP) due to being persistent in the environment, bioaccumulative, and toxic. PFOS is suspected of compromising the immune systems of wildlife and a small segment of highly exposed humans globally.

## The solution

Toxfree has the only unit in Australia that is able to provide the preferred disposal method, Plasma Arc destruction, as well as the capability to coordinate and collect the material from various locations around the country.

## The outcome

Toxfree are able to dispose of the PFOS in a safe way that is helping to decrease adverse effects on the environment. The Department of Defence is very pleased with the way that the materials are handled by Toxfree and their commitment to preserving the environment.



## QUOTE