

environment matters

# PFAS Solutions

Per- and polyfluoroalkyl substances (PFAS)

Decontamination and the safe, compliant disposal of PFAS contaminated soils, foams and liquid wastes.

A photograph showing a person wearing a white protective suit and blue nitrile gloves. They are holding a glass beaker and pouring a clear liquid into a body of water. The background is a blurred outdoor setting with greenery and water.

Innovative  
and long-term  
soil recovery  
solutions



## Decontamination and the safe, compliant disposal of PFAS contaminated soils, foams and liquid wastes.

**Enva's licenced sites can accept PFAS contaminated liquids and AFFF fire foams for onward disposal.**

### Treatment and recovery results in the production of recycled topsoil and subsoils.

Per- and polyfluoroalkyl substances (PFAS), previously known as per- and polyfluorinated chemicals (PFCs) are pollutants that, due to reports of their global distribution, persistence, toxicity and bioaccumulation potential, are of increasing concern for public health and the environment.

### PFAS - What are they?

PFAS are a large group of man-made chemicals that have been widely used in industrial and consumer products since the 1950s due to their physical and chemical properties. These properties include water and oil resistance, chemical and heat stability, friction reduction and surface tension lowering (also known as surfactant properties, resulting in increased material spread ability).

Approximately 4,700 PFAS have been identified to date. They can be found in many everyday products- outdoor clothing and equipment, textiles, paints, food packaging, photographic coatings, non-stick coatings on cookware as well as fire-fighting foam.

Often referred to as 'forever chemicals', they stay in the environment and our bodies for long periods of time where they can increase in concentration and can have harmful effects on human and animal health. Some PFAS have been linked to an increased risk of cancer, high cholesterol, reproductive disorders, hormonal disruption (also known as endocrine disruption) and weakening of the immune system. The resulting waste materials must be professionally managed.

### PFAS - Project management, analysis and waste disposal services.

PFAS Contaminated Groundwater/ Leachate Treatment	PFAS Contaminated Soil Removal	Decontamination
<ul style="list-style-type: none"> <li>- Equipment Supply</li> <li>- Analysis</li> <li>- Environmental Monitoring</li> <li>- Activated Carbon Treatment</li> <li>- Solids Settlement</li> <li>- PFAS Waste Disposal</li> </ul>	<ul style="list-style-type: none"> <li>- Soil Sampling</li> <li>- Site Assessment</li> <li>- Soil Washing</li> <li>- PFAS Soil disposal</li> <li>- Haulage</li> <li>- Equipment Supply</li> <li>- Environmental Monitoring</li> </ul>	<ul style="list-style-type: none"> <li>- Flushing</li> <li>- PFAS liquid Treatment</li> <li>- Decommissioning</li> <li>- PFAS Waste disposal</li> <li>- Disposal of tanks &amp; Pipework</li> <li>- Sampling and Analysis</li> <li>- AFFF Disposal</li> </ul>

Enva is experienced in the compliant testing, removal, treatment and disposal of PFAS contaminated soils, with disposal options that utilise our own licenced facilities and a network of international 3rd party facilities to dispose of materials safely. We install on-site treatment systems for the treatment of PFAS contaminated groundwater and provide operation and monitoring systems to effectively remove PFAS contamination in line with discharge permissions. Utilising our expertise in decommissioning and decontamination, we also provide flushing and cleaning services to remove PFAS contamination from pipework, sprinkler systems and tanks.

If you would like to find out more about our PFAS solutions, please visit [enva.com](https://www.enva.com) or email [marketing@enva.com](mailto:marketing@enva.com)