NCLOG AGM and Conference

10 June 2026

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Summary

What we'll be covering:

- ✓ State of Contaminated Land (SoCL) Report
- ✓ Land Remediation Pathfinder Scheme (LRPS)
- ✓ DoE Site profiles
- ✓ Supporting brownfield regeneration
- ✓ New voluntary remediation advice service
- ✓ PFAS Action Plan & managing legacy PFAS
- ✓ PFAS projects completed
- ✓ Recent key publications & upcoming events
- ✓ Thank you and any questions

State of Contaminated Land (SoCL)

Headlines:

- 284/296 LA's responded (96%)

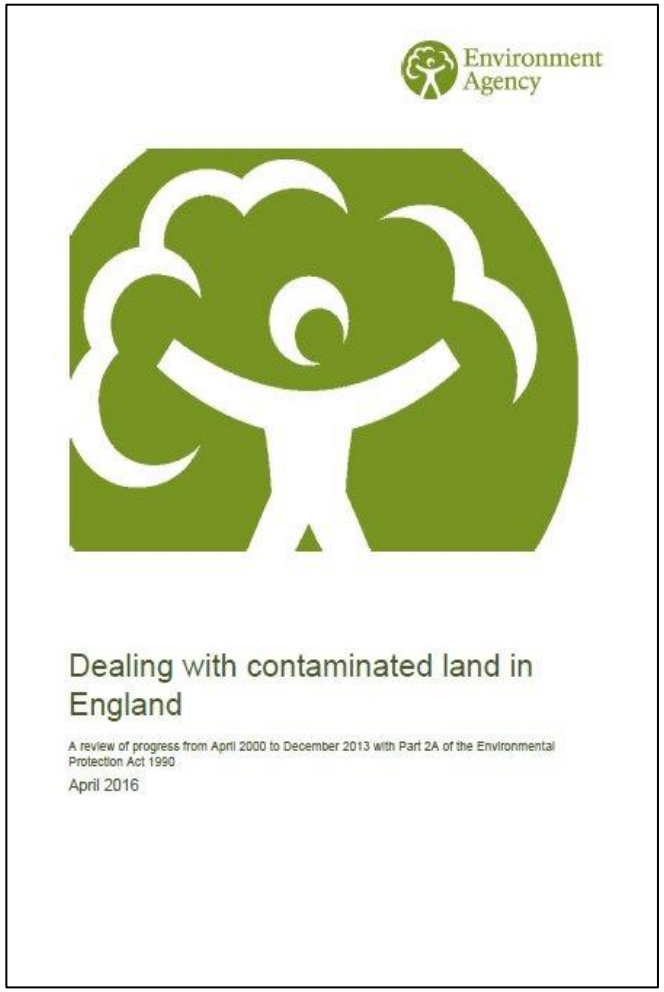
Part A Statutory Report due Autumn 2026:

- 980 sites determined before 2014
- 115 sites determined after Jan 2014
- 1,007 sites remediation complete and verified
- 9 sites remediation started and ongoing
- 24 sites remediation not started

Part B voluntary survey report for Defra:

- Will inform Defra policy change decisions
- Most land still dealt with through planning
- Technical resilience, upskilling & resources remain areas of concern

A BIG THANK YOU TO ALL WHO TOOK PART!



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Land Remediation Pathfinder Scheme (LRPS)

Landfill tax offset grant pathfinder demonstration scheme:

- Defra sent initial letter to CEO's, LGA and NCLOG Nov 2025
- Aimed at public bodies in England – local and mayoral authorities
- Up to £80m anticipated to be available from April 2027 - March 2031

For sites where landfill tax is a significant, unavoidable remediation blocker:

- Large industrial sites
- Coastal landfill
- Urban

Update:

- Initial expressions of interest received and are being reviewed
- Funds still available
- Potential for LA training to support future interest in the scheme

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Updated DoE Industry site profiles

- The Department of Environment (DoE) published a series of 47 industry profiles in 1995
- A project to update 15 of the profiles was undertaken in 2025/26 with funding from the Environment Agency, Association of Geotechnical & Geoenvironmental Specialists and Natural Resources Wales
- The new profile pages can be accessed here - DoE Industry Profiles
- More updates planned in future

Industry Profiles	Date of latest update	Organic compounds	Per- and polyfluoroalkyl substances (PFAS)	Persistent Organic Pollutants (POPs)	Inorganic chemicals	Metals and semi-metals
Airports	March 2026	•	•	•	•	•
Chemical works - coatings (paints and printing inks) manufacturing works	March 2026	•				
Chemical works - organic chemicals manufacturing works	March 2026	•				
Dockyards and dockland	March 2026	•				
Dry cleaners (miscellaneous)	March 2026	•				

Original Industry Profile:

- Industry profile (searchable) - waste - landfills

Further Information Sources:

- Best available techniques reference document (BREF) - Landfills (meeting report for the drawing up of a BREF for landfills - 2026)
- Best available techniques reference document (BREF) - Waste Incineration (2019)
- Best available techniques reference document (BREF) - Waste Treatment (2018)
- CL:AIRE PFAS Site Profile 04 - Landfills (due to be published in summer 2026)
- For specific sites further information may be obtained from environmental permits which may be found by relevant searches.

Related Industry Profiles:

- Industry profile (searchable) - Waste recycling, treatment and disposal sites: drum and tank cleaning and recycling plants
- Industry profile (searchable) - Waste recycling , treatment and disposal sites: hazardous waste treatment plants
- Industry profile (searchable) - Waste recycling, treatment and disposal sites: metal recycling sites
- Industry profile (searchable) - Waste recycling , treatment and disposal sites: solvent recovery works

Potential Contaminants of Concern:

Contaminant type	Main group of contaminants	Location					
		Fuel delivery/ storage transport	Maintenance service areas	Runways and aprons	Drainage systems and soakaways	Waste disposal	Fire station, fire training areas, foam storage & fire incidents
Organic	Volatile organic compounds (VOCs)		•	•	•	•	
	Halogenated hydrocarbons		•	•	•	•	
	Non-halogenated hydrocarbons	•	•		•		
	Polycyclic aromatic hydrocarbons (PAHs						
	Dioxins and furans						
	Polychlorinated biphenyls (PCBs)						
	Pesticides and herbicides		•	•	•	•	
	Organometallic compounds						
	Explosives						
	Per- and polyfluoroalkyl substances (PFAS)	•	•	•	•		•
	Persistent organic pollutants (POPs)	•	•	•	•	•	•
Inorganic	Metals		•	•	•		
	Non-metals and common inorganic substances		•			•	
	Asbestos		•			•	
	Cyanides						
	Radionuclides						
Other potential contaminants of concern		Aircraft de-icing/anti-icing fluids (e.g. glycols); pavement de-icing for runways, taxiways and operational areas (e.g. potassium acetate); lubricants; hydraulic fluids. See original Industry Profile for additional potential contaminants.					

Figure 2: Screenshot of contaminant/location table for *Airports* profile.

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Wider work supporting Brownfield Regeneration

Strategic plans:

- Promote brownfield land evidence bases

NPPF Consultation:

- Review PPG Guidance to implement NPPF policy

Environmental Permitting Exemption Reforms:

- Summary of responses and government response - GOV.UK

SR2008: No 27 Standard Rules Permit:

- Update to standard rules mobile plant permit for soil & groundwater remediation
- External consultation planned late 2026/early 2027
- Includes new groundwater mobile plant activity: discharge of treated groundwater back to ground as part of a ‘Pump and Treat’ remediation scheme

Accelerated Permitting Transformation Programme:

- Updated H5 Site Condition report/baseline reporting guidance for regulated industries and waste sites

Soil Passport Scheme Code of Practice:

- CL:AIRE DoW:CoP review ongoing

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New EA Voluntary Remediation Advice Service

The service provides bespoke regulatory and technical advice to landowners, consultants and their clients, helping to achieve effective remediation where land contamination has impacted controlled waters (including groundwaters).

Minimum scheme requirements are:

- information is prepared and provided by a competent person with appropriate knowledge, skills, experience and qualifications
- remediation reaches standards equivalent to regulatory requirements
- all related work is carried out in accordance with Land Contamination Risk Management (LCRM) including Stage 3

Find more information and request the service here: Get voluntary remediation advice for contaminated land and groundwater - GOV.UK

Fees will be invoiced using the current costs as detailed in the Environment Agency's fees and charges.

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Defra PFAS Action Plan

Three-pillar approach:

- Identify PFAS sources
- Control pathways
- Reduce exposure

Better evidence and monitoring:

- Expand monitoring of water, soil and waste to track PFAS and associated risks

Regulation and reduction:

- Curb PFAS use through regulation, restrictions and shifts to safer alternatives

Managing legacy contamination:

- Issue guidance on contaminated land, industrial emissions and waste handling

Limits and enforcement:

- Consult on PFAS drinking water limits and strengthen regulatory powers

Transparency and coordination:

- Launch a PFAS information webpage and enhance cross-government action

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Managing Legacy PFAS

EA's Risk-based screening tool:

- Enables EA & partners to focus on highest priority problem sites

Current problem site assessments:

- Former airfields, historic landfills and industrial/chemical works

Fluoropolymer manufacturing plant, Thornton, Lancashire:

- Historic PFOA emissions (1950s–2012) led to atmospheric deposition onto surrounding land including allotments and residential gardens
- Part 2A potential special site inspection (ongoing): Chemically impacted waters, soils and produce including vegetables and eggs

Actions 3.14 to 3.17 of PFAS Action Plan

- Framework to prioritise PFAS related risks and actions – start in 2026
- Updated Part 2A Guidance for PFAS – engage in 2026
- Technical guidance for regulators and industry – produce by 2027, examples include:
    - Lines of Evidence to Assess Effectiveness of PFAS Remediation Technologies
    - Due for publication by CL:AIRE summer 2026

PFAS site profiles 2026

PFAS Site Profiles were developed as part of the Environment Agency PFAS Risk Screening Project and represent an understanding of PFAS uses and occurrences from specific industry sectors at the time of writing in March 2024

1. Civil and Military Airfields and Airports
2. Control of Major Accident Hazards (COMAH) Regulated Sites
3. Fire-fighting Grounds and Fire Stations
4. Landfills
5. Metal Manufacturing and Finishing
6. Military Bases (other than Air Transport Sites)
7. Oil and Gas Industry (onshore exploration and extraction operations)
8. Paper and Cardboard Manufacturing
9. Refineries and Fuel Sites
10. Textiles, Upholstery, Leather, Apparel and Carpets (TULAC) Manufacturing
11. Waste Water Treatment Works
12. Aqueous Film-Forming Foam (AFFF)
13. Fire Suppression Systems

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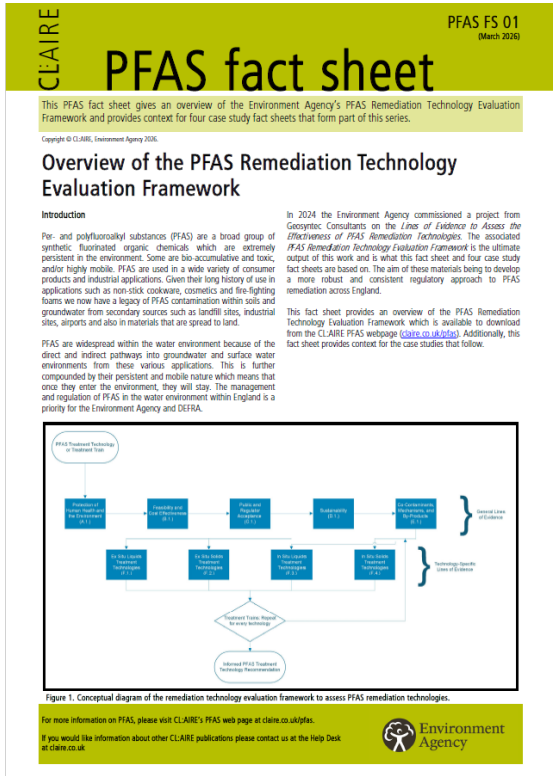
PFAS Remediation – Lines of Evidence project 2026

The Environment Agency commissioned a project from Geosyntec Consultants on the Lines of Evidence to Assess the Effectiveness of PFAS Remediation Technologies. The associated PFAS Remediation Technology Evaluation Framework is the ultimate output of this work. The aim of the overview fact sheet, four case study fact sheets and 30 min video is to help develop a more robust and consistent regulatory approach to PFAS remediation across England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PFAS FS 01 (March 2026)

PFAS fact sheet

This PFAS fact sheet gives an overview of the Environment Agency's PFAS Remediation Technology Evaluation Framework and provides context for four case study fact sheets that form part of this series.

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Overview of the PFAS Remediation Technology Evaluation Framework

Introduction

Per- and polyfluoroalkyl substances (PFAS) are a broad group of synthetic fluorinated organic chemicals which are extremely persistent in the environment. Some are bio-accumulative and toxic, and/or highly mobile. PFAS are used in a wide variety of consumer products and industrial applications. Given their long history of use in applications such as non-stick cookware, cosmetics and fire-fighting foams we now have a legacy of PFAS contamination within soils and groundwater from secondary sources such as landfill sites, industrial sites, airports and also in materials that are spread to land.

PFAS are widespread within the water environment because of the direct and indirect pathways into groundwater and surface water environments from these various applications. This is further compounded by their persistent and mobile nature which means that once they enter the environment, they will stay. The management and regulation of PFAS in the water environment within England is a priority for the Environment Agency and DEFRA.

In 2024 the Environment Agency commissioned a project from Geosyntec Consultants on the *Lines of Evidence to Assess the Effectiveness of PFAS Remediation Technologies*. The associated *PFAS Remediation Technology Evaluation Framework* is the ultimate output of this work and is what this fact sheet and four case study fact sheets are based on. The aim of these materials being to develop a more robust and consistent regulatory approach to PFAS remediation across England.

This fact sheet provides an overview of the PFAS Remediation Technology Evaluation Framework which is available to download from the CL:AIRE PFAS webpage (claire.co.uk/pfas). Additionally, this fact sheet provides context for the case studies that follow.

Figure 1. Conceptual diagram of the remediation technology evaluation framework to assess PFAS remediation technologies.

For more information on PFAS, please visit CL:AIRE's PFAS web page at claire.co.uk/pfas.

If you would like information about other CL:AIRE publications please contact us at the Help Desk at claire.co.uk

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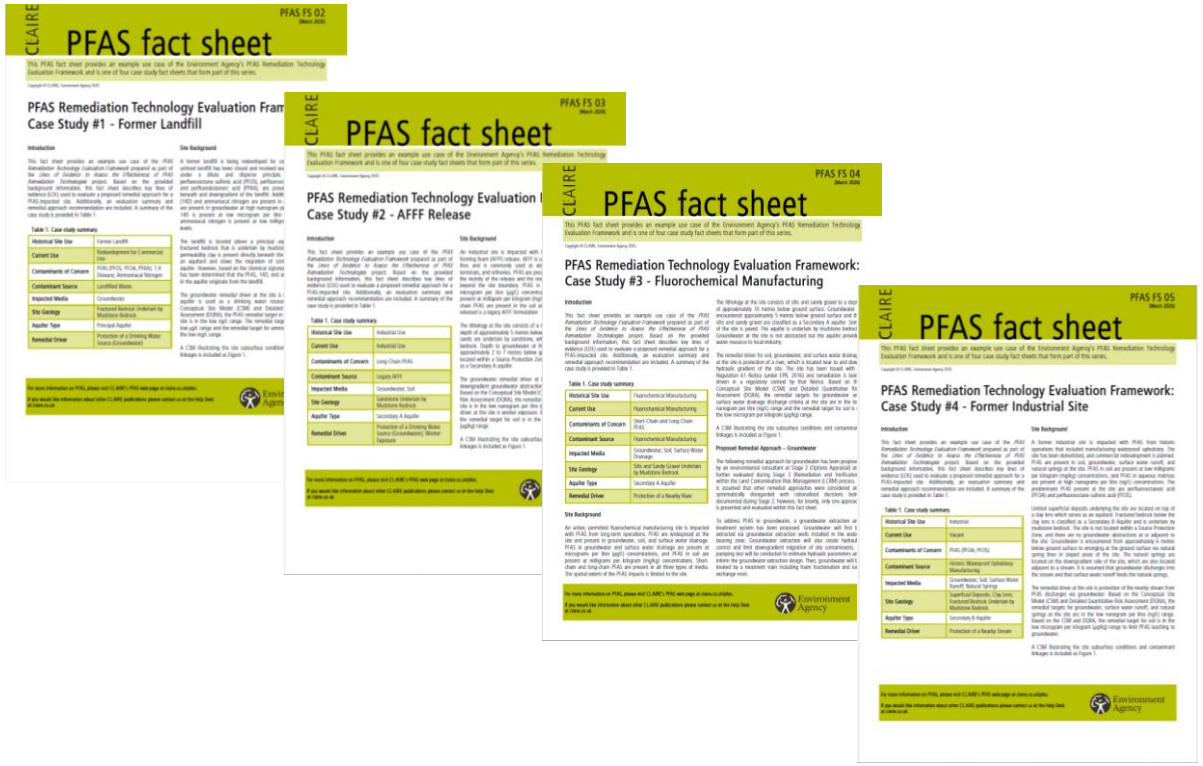
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PFAS FS 02

PFAS fact sheet

PFAS Remediation Technology Evaluation Fram

Case Study #1 - Former Landfill

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PFAS FS 03

PFAS fact sheet

PFAS Remediation Technology Evaluation

Case Study #2 - AFFF Release

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PFAS FS 04

PFAS fact sheet

PFAS Remediation Technology Evaluation Framework:

Case Study #3 - Fluorochemical Manufacturing

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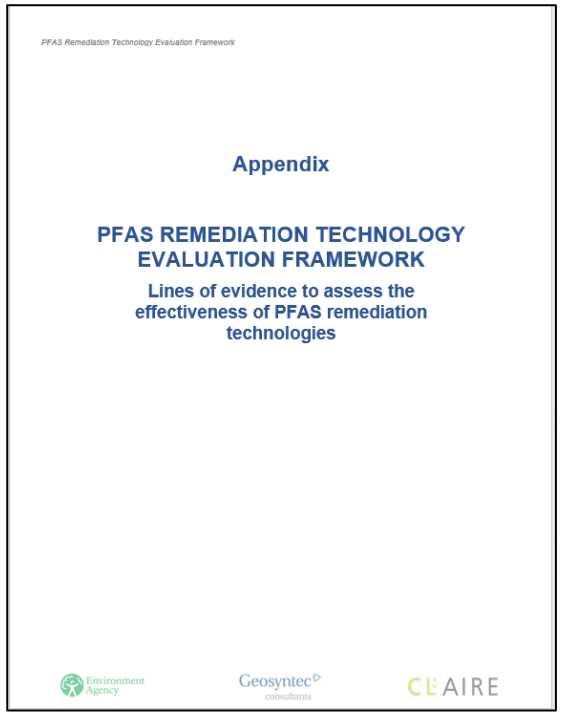
PFAS FS 05

PFAS fact sheet

PFAS Remediation Technology Evaluation Framework:

Case Study #4 - Former Industrial Site


PFAS Remediation Technology Evaluation Framework

Appendix

PFAS REMEDIATION TECHNOLOGY EVALUATION FRAMEWORK

Lines of evidence to assess the effectiveness of PFAS remediation technologies

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Geosyntec consultants

CL:AIRE

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Recent publications

- Interim H4 indicator: exposure and adverse effects of chemicals on wildlife in the environment including PFAS (EA 2024)
- Piling and Penetrative Ground Improvement Methods on Land Affected by Contamination: Guidance on Pollution Prevention (CL:AIRE April 2025)
- Dan Corry review response Delivering economic growth and nature recovery: an independent review of Defra's regulatory landscape (Defra April 2025)
- LCRM update: Land contamination risk management (LCRM) - GOV.UK (EA June 2025)
- Background PFAS soil concentrations A comparative analysis of PFAS in archive and fresh soil samples in England and implications for large-scale surveys – ScienceDirect (Beriro et al August 2025)
- Rapid evidence assessment of PFAS incineration and alternative remediation methods - GOV.UK (Defra September 2025)

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Recent publications

- Water: A new vision for water: white paper - GOV.UK (Defra January 2026)
- Selected PFAS water thresholds: Developing thresholds for managing PFAS in the water environment - GOV.UK (EA January 2026)
- Legacy landfill briefing Management of legacy landfill (UK Parliament POST January 2026)
- PFAS Plan Policy Paper: PFAS Plan - GOV.UK (Defra February 2026)
- PFAS research: Beyond a Barrier: Placental PFAS Transfer and Early-Life Metabolic Programming | Environmental Science & Technology (W.K.F Tse *et al,* May 2026)

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Upcoming training & events

Training:

- **Environment Analyst online event** - *Assessing, Managing and Remediating PFAS & Emerging Contaminants - 7-9 July 2026.* Register here: Assessing, Managing and Remediating PFAS & Emerging Contaminants 2026
- **Ciria** virtual PFAS conference on 16th July (reduced LA rates) Advancing good practice in PFAS risk management for UK projects

Event:

- **CLR Expo -** *Contamination & Land Remediation Expo (business exchange)* - 16th-17th September 2026. Register here: Contamination & Land Remediation Expo (CLR)

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Thank you for your time, any questions?

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