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Tender

Developing an Approach to Groundwater Detailed Quantitative Risk Assessment for PFAS

Environment Agency

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-056791

Procurement identifier (OCID): ocids-h6vhtk-059ae7

Published 16 September 2025, 9:27am

Scope

Reference

ENVEBP00834R

Description

This project will commission a Rapid Evidence Assessment (REA) of published literature to identify evidence-backed robust physio-chemical data sources for 20 per- and poly-fluoroalkyl substances (PFAS) that could be used as inputs into a groundwater detailed quantitative risk assessment (DQRA) modelling software (e.g. ConSim and RTM).

PFAS are a broad group of synthetic fluorinated chemicals which are 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 because of their unique chemical and physical properties, including oil, water and stain repellence, temperature and chemical resistance, and surfactant properties.

Due to their widespread historical and current use, PFAS are prevalent within the water environment because of the direct and indirect pathways into groundwater and surface

water from various applications and activities.

The need for a consistent approach to assessing the risk of PFAS compounds to groundwater receptors is growing substantially due to increasing year on year attention to PFAS as an emerging contaminant, from the public, media, regulators, and industry. It is becoming more vital that we, as regulators, and industry, are able to understand the risks associated with PFAS, and can provide robust and consistent regulation in this emerging field. Alongside the REA, there is a requirement to produce a summary table of the required physio-chemical parameters, the data sources, and the justification for the inclusion of the data for the 20 PFAS.

This REA and data summary table will be used to develop guidance on how to undertake a DQRA for PFAS contaminated groundwater.

Total value (estimated)

- £50,000 excluding VAT
- £60,000 including VAT

Below the relevant threshold

Contract dates (estimated)

- 20 October 2025 to 31 March 2026
- 5 months, 12 days

Main procurement category

Services

CPV classifications

- 73210000 - Research consultancy services

Contract locations

- UK - United Kingdom

Participation

Particular suitability

- Small and medium-sized enterprises (SME)
- Voluntary, community and social enterprises (VCSE)

Submission

Tender submission deadline

3 October 2025, 11:59pm

Submission address and any special instructions

To apply for this opportunity you must submit your quotation meeting the requirements detailed in the Request for Quotation (RFQ) attached.

Your response must be sent to emma.mcanaw@environment-agency.gov.uk and annalise.hackett@environment-agency.gov.uk by 23:59 on Friday 3 October 2025. Please include "Final Submission PFAS DQRA" in the subject title.

If you have any clarification questions linked to this opportunity or the procurement process please submit these via email to emma.mcanaw@environment-agency.gov.uk by 23:59 on Friday 19 September 2025. Please note that, unless commercially sensitive,

both the question and the response will be circulated to all tenderers.

Tenders may be submitted electronically

No

Award criteria

TBC

Procedure

Procedure type

Below threshold - open competition

Documents

Associated tender documents

[EA template RFQ 1 _PFAS DQRA_final.docx](#)

[Research & Development Order Form November 2023_PFAS DQRA.docx](#)

Contracting authority

Environment Agency

- Public Procurement Organisation Number: PNWW-1475-NYLN

Seacole Building, 2 Marsham Street

London

SW1P 4DF

United Kingdom

Email: emma.mcanaw@environment-agency.gov.uk

Region: UKI32 - Westminster

Organisation type: Public authority - central government