



## GEOENVIRONMENTAL DIVISION

If you are looking to develop or purchase a brownfield site, or evaluate a previously developed site, we can help. With a team of dedicated and professional Geoenvironmental Engineers and scientists we can provide solutions to your brownfield and contaminated land problems. By undertaking a suitable geoenvironmental assessment, you can avoid potentially serious and expensive environmental liabilities later on.

We liaise closely with and have knowledge of the requirements of the Local Authorities, NHBC and the Environment Agency, including the PPC regime. We can assist in the discharging of planning conditions relating to contamination issues and resolving environmental issues with the appropriate bodies.

Our Geoenvironmental Department, with a SiLC accredited supervisor, offers a comprehensive range of services to meet your needs from preliminary desk study to full site investigation, quantitative risk assessment and remediation.



### Phase 1 Geoenvironmental Desk Studies

We can carry out preliminary risk assessments of sites, based on the collation and review of historical, regulatory and environmental information and a site reconnaissance. This enables the preparation of a qualitative risk assessment, conceptual model and overall risk rating for potential environmental liability at the site following the guidance in BS ISO14015:2001.

### Phase 2 Geoenvironmental Site Assessments

We can design and undertake intrusive investigations, ranging from a few samples to comprehensive surveys utilising a range of exploratory techniques, following guidance defined in BS5930:1999- Amendment 1 (2007), BS10175:2001 and NHBC R&D Publication 66 (2000), with supervision of fieldwork, soil sampling and monitoring utilising the most up to date equipment and techniques. Through Quantitative Risk Assessments for Human Health (CLEA and SNIFFER) and Groundwater (EA Remedial Targets Methodology), we can fully assess the levels of contamination risk at your site.

### Remediation

We can prepare and implement remediation strategies and have the capability to provide robust practical solutions to a variety of contaminated land and groundwater problems, utilising modern and innovative techniques, including ex-situ and in-situ bio-remediation and more conventional engineering methods.

For further details please contact: Paul Godbold [paul.godbold@geoeng.co.uk](mailto:paul.godbold@geoeng.co.uk)

Or visit our website [www.geoeng.co.uk](http://www.geoeng.co.uk)