

## Contaminated Land

### Introduction to REC

REC has investigated and provided remedial advice on ground and groundwater contamination for a wide variety of sites for private and public sector clients including:

- investigation and cleanup of pollution spills on sensitive operational sites;
- liability assessments relating to land acquisition or divestment;
- decontamination of former military and heavy industrial sites;
- development of derelict sites for commercial use and residential housing;

REC has experience of investigating and assessing the full range of contaminants including oil and petroleum products, tar, toxic metals, pesticides, PCBs and chlorinated solvents. REC can undertake initial Phase I desk top and Phase II intrusive site assessments through to the design, implementation and aftercare of full a remedial programme.

All REC site operative are fully trained in the use of Eurocode 7 – BS EN ISO 14689-1 (Description of Rocks and Rock Masses)

### Pre-Acquisition Auditing and Desk Studies

REC offers pre-acquisition, pre-divestiture, re-financing and regulatory compliance environmental audits.

Our experienced auditors assess the potential contaminated land liabilities resulting from the existing and historical land use, the site setting and targets potentially susceptible to contamination. We can also conduct rapid and comprehensive Phase II site investigations in order to provide the additional assurance that is required for some transaction decisions.

### Contaminated Site Risk Assessment

REC uses current industry standard risk assessment methodologies, ensuring regulatory compliance and that remedial works are undertaken only when absolutely necessary. The risk assessment methodologies range from simple qualitative procedures used rapidly to identify critical liabilities to the application of complex contaminant fate and transport modelling.



### Geotechnical Services

A geotechnical assessment is essential to any construction project, as all subsequent work relies on the information obtained from it. REC promotes the concept of maximising the value of intrusive investigations by combining a geotechnical survey with a contamination assessment. Such a proactive approach reduces the potential for unforeseen ground conditions resulting in costly delays and overruns.

### Site Remediation and Validation Services

Many contaminated sites have land quality issues that are familiar and which require conventional solutions. A small proportion however requires more complex treatment involving novel and technically advanced solutions. As you would expect from a leading environmental consultancy, REC has the expertise to design and deliver appropriate treatment regimes including: soil washing, separation, air sparging, bioremediation, soil vapour extraction.

Our clients can be sure that we know which options are available, which the most appropriate solutions to the problem are, and which offer the best value for money and long term peace of mind.

# REC Office Locations

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REC Group Services include: ■ Geo-environmental Site Investigation & Risk Assessment, ■ Brownfield Site Remediation, ■ Ecological Surveys ■ Asbestos Surveys, Analysis & Clearance Certification ■ MCERTS accredited Stack Emission Monitoring ■ Air Quality & Odour Monitoring & Assessment ■ COSHH Monitoring Assessments ■ UKAS & MCERTS Accredited Laboratory Analysis

UK Offices in Manchester, Birmingham, Braintree, Fareham, Huddersfield, Newcastle, Port Talbot  
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