

georisk

MANAGEMENT

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Innovative Land
Development Solutions



Georisk assesses the problems of developing residential, commercial or industrial property on contaminated brownfield or greenfield sites.

Detailed analysis of the physical and chemical properties of the ground allows Georisk to design technically robust, regulatory authority approved and cost effective solutions to environmental problems and hazardous ground conditions.

Georisk's innovative and bespoke solutions provide lenders and investors with the confidence to progress projects as any abnormal ground-related costs are fully understood. This approach encourages the regeneration of derelict and contaminated sites previously deemed unsuitable for development.

Georisk provides services to the land management industry in many sectors:

For the Vendor: Georisk produces land quality reports on the condition of previously used land for vendor's packs to facilitate site disposal.

For the Purchaser: Georisk undertakes assessments of land quality prior to site acquisition so that abnormal ground-related development costs are understood prior to land price agreement.

For the Professional: Georisk provides a comprehensive assessment of environmental and geotechnical problems together with costed ground risk management solutions.

For the Land Owner: Georisk carries out environmental liability assessments so that site owners can manage their responsibilities in compliance with environmental legislation.

For the Developer: Georisk provides a wide range of services from initial site assessment to supervision and validation of remedial works. These services can be selected individually or collectively to suit individual site requirements.

Georisk Services:

Pre-Acquisition Land Quality Assessments. Preparation of ground-related development cost appraisals for integrated viability assessments prior to purchase.

Desk Studies and Walkover Surveys. Collation of environmental and historical data relating to previous uses of sites and assessments of the current site condition.

Ground Investigations. Physical investigation of sites, geotechnical logging of materials encountered, sampling of solids and liquids for chemical analysis and physical property testing, environmental monitoring.

Human Health / Ground Gas / Groundwater Risk Assessments and Environmental Liability Assessments. The technical data from the ground investigation is statistically synthesised and analysed using regulatory authority approved software where appropriate.

Remediation Strategy Design. Co-ordinated consideration of the ground investigation data, risk assessments and development civil engineering requirements to formulate innovative and cost effective ground engineering solutions. The remediation techniques adopted will be site specific and may vary from basic excavation and removal to more technically demanding in situ ground treatment.

Road and Sewer Design. Specialist engineering services in adoptable road and sewer design to gain Section 38, 104, and 278 Approvals from the local authority; private plot drainage and external works levels; adoptable street lighting design; 3D ground modelling; road safety audits; flood risk assessments.

Foundation Design. Design of the most appropriate foundation solution to suit building type and ground conditions.

Project Management. Georisk offers hands-on management of projects from initial site assessment to supervision of site works. All Georisk staff are CSCS certified.

Validation. Supervision and validation services satisfy regulatory authorities that site works have been carried out to acceptable standards thus discharging relevant planning conditions.

The considerable depth of experience of senior staff has enabled Georisk to gain a reputation for designing innovative solutions. This approach has allowed the company to deliver highly successful projects for clients varying in size from large corporates to small housebuilders.

Georisk is the ground engineering consultancy to solve your land development problems.

APPRAISAL • INVESTIGATION • RISK ASSESSMENT • DESIGN • REMEDIATION • VALIDATION • DEVELOPMENT