



REMIEDIATION

With the introduction of new landfill regulations, stricter disposal controls and escalating costs, there is a growing need to treat contaminated soils and groundwater on site. Geotechnical Engineering Ltd (GEL) has the capability to provide robust practical solutions to a variety of contaminated land and groundwater problems.

Remediation Options Appraisal/Strategy

Based on the findings of the intrusive site investigation and Quantitative Risk Assessment, it is possible that remediation works may be required. In order to provide a suitable and cost-effective remediation strategy for a site GEL can provide a Remediation Options Appraisal and Strategy, compliant with the requirements of CLR11.



In- situ Remediation

GEL are able to utilise modern and innovative techniques that include:

- In-situ & ex-situ bioremediation
- Direct push oxidant injection,
- Soil vapour extraction,
- Air sparging,
- Bio-sparging,
- Dual Phase Extraction.

Ex-situ Remediation

GEL can also offer more conventional remedial methods such as:

- Controlled excavation and hotspot removal,
- Materials recovery, screening & segregation,
- In-situ Barriers and off-site disposal.

Underground Storage Tank Decommissioning

GEL has experience of the organisation, supervision of decommissioning, and subsequent validation of the removal of underground tanks in a safe manner to the satisfaction of the relevant Regulatory Authorities.

Validation Works

GEL can provide a comprehensive validation service for both soils and groundwater, for both internal projects or independent validation, conducting site works and providing a validation report compliant with the requirements of CLR11: Model Procedures for the Management of Land Contamination (2004).

For further details please contact: Claire Morton claire.morton@geoeng.co.uk
Or visit our website www.geoeng.co.uk