



SOCOTEC

Mobile Laboratory Services



Delivering contaminated land risk assessments and remediation projects requires sufficient chemical analysis data on a fast turnaround basis, to ensure any uncertainties are minimised and risks are controlled.

Consultants, clients and contractors can all benefit from the speed and additional data that chemical analysis on site provides. SOCOTEC's mobile laboratory services have been used on many large and small projects to effectively target investigation and remediation resources and bring significant cost savings.

Through the provision of mobile laboratory equipment and professionals, SOCOTEC can provide rapid and high quality analysis to site investigation and remediation projects. With strict quality control protocols and controlled site laboratory working conditions, on site analysis allows quality-assured results within hours or minutes of sampling.

CORE CAPABILITIES OF SOCOTEC'S MOBILE LABORATORY

SOCOTEC takes pride in being at the forefront of innovation and market developments. Our teams of experienced site scientists apply Environment Agency guidance to the application of the site testing and use of the data, and use laboratory standard quality control procedures.

Mobile Laboratory Services include:

- Metals analysis to ppm levels (soil only)
- Total BTEX, TPH and PAHs
- Speciated BTEX and VOCs to ppb concentrations
- Ammonia
- Phenols
- Cyanide
- Dry weight reporting of soil concentrations
- Water monitoring for a wide range of parameters
- Air monitoring for a wide range of parameters
- Asbestos fibre (airborne) monitoring
- On-site geotechnical testing
- Additional methodologies can be implemented as required by specific projects

APPLICATIONS FOR ON-SITE CHEMICAL ANALYSIS

As a leading laboratory, site investigation and monitoring business, SOCOTEC is well placed to offer mobile laboratory services - either as a stand alone requirement, or as part of a fully integrated package relating to all geotechnical and environmental requirements in both development and remediation projects.

Site Investigation Stage

- Increase the density of data to provide more certainty in the site characterisation
- Effectively target the available sampling and analysis budget by having results available while still mobilised to site
- Delineate contamination hotspots in the same phase of investigation
- Allows less conservation recommendations in the site investigation report

FOR MORE INFORMATION

For more information on SOCOTEC's on-site mobile laboratory services, please contact salesuk@socotec.com or call 0845 603 2112.

Earthworks and Remediation Stage

- Fine segregation of materials suitable for use from those requiring treatment or disposal
- Reduce hazardous waste volumes by classifying smaller batches with on-site analysis
- Control and validate hotspot excavations, reducing the risk of verification failures
- Control health and safety risks from chemical exposure
- Manage water discharges

