CONTAMINATED LAND IN GEOTECHNICAL PRACTICE

In partnership with: LQM

Course Outline

The course will provide an introduction to contaminated land for those involved in ground investigations and geotechnical work where contaminated ground is likely to be present.

This one-day course will look at the importance of developing a simple Conceptual Site Model through the design of a phased investigation and carrying out informed sampling and analytical testing strategies.

Course Contents

This course will look at:

- Site characterisation objectives
- Importance of conceptual site model
- Legislation & Policy
- Desk Study & Site Walkover
- Basic Principles of Contaminated Land Investigations; Techniques, Sampling & Analytical Strategies
- Understanding the data
- Sources of Information, Standards and Specification

Summary

At the end of the course the delegates should be able to:

- Understand the key geoenvironmental objectives when designing or specifying a ground investigation
- Understand the legislative framework for geoenvironmental investigations
- Understand why desk studies and walkover surveys are essential
- Have an awareness of the importance of developing and following good practice in ground investigation, sampling and testing
- Have an awareness of how to interpret laboratory including sourcing suitable assessment criteria
- Understand how standards and specifications should be used and using other sources of information

Who should attend?

This course has been developed for graduates, engineering geologists, geotechnical engineers and those designing and involved in geotechnical investigations where contaminated land is a potential risk. It is also suitable for those transferring from geotechnics into geoenvironmental work and those who have been working in the geoenvironmental field for a while, who want to get clarification on right way to do things.

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