



MONITORING AND SAMPLING

Release the Value of Your Land



High quality data from site monitoring and sampling is vital for accurate site characterisation, remediation design and monitoring of remediation works. We have more than 25 years of experience in the contaminated land remediation sector, and as such we have developed a vast body of knowledge and expertise of monitoring requirements for contaminated land projects.

Coupled with this expertise, we provide a cost-effective alternative to hiring and maintaining your own sampling and monitoring equipment. Our field scientists are trained and experienced in routine use of this specialised equipment, ensuring correct and efficient operation.

We provide environmental monitoring services for a wide range of sites, including planning and development sites, closed landfills, manufacturing and commercial sites and PPC permit / Environmental Permit sites.

Our standard sampling/monitoring programmes are carried out in accordance with BS 10175, BS 5930, BS EN ISO 5667-11, BS 8576 and CIRIA guidance C665. However, our team of field engineers and scientists are also able to develop bespoke sampling/monitoring programmes, depending on the specific site and clients' requirements.

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ERS worked hard to achieve our challenging project brief, as well as keeping on top of the resourcing, planning, cost, and communication.

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*ERS’
knowledge
of the site
requirements
made sampling
events hassle
free and the
follow up on
any untoward
data with
external labs
ahead of
reporting
provided
reassurance.*
”

ERS uses a wide range of specialist monitoring and sampling equipment, suitable for different scenarios. Our services include:

- Groundwater monitoring and sampling (inc. low-flow sampling)
- Vibrating wire piezometers installation and management
- Surface water monitoring and sampling
- NAPL thickness monitoring
- Groundwater chemical and biological parameters
- Permeability testing
- Aquifer testing/ pumping tests
- Ground gas and vapour sampling and testing
- Dust monitoring
- Ground, landfill and mine gas monitoring, including continuous monitoring
- Fluxbox gas monitoring

We also have onsite testing capabilities using portable equipment, such as pXRF for metals contamination testing.



We collect and store data electronically, directly from the instruments where possible, and most can be provided with a remote telemetry option where relevant.

ERS' technical staff are experienced at carrying out monitoring and sampling works on complex brownfield and contaminated sites. We are adaptable to unexpected site conditions. We are also able to advise clients on sampling based on an understanding of the context of how the sample results will be used, for example when sampling groundwater with NAPL contamination, or when adding telemetry would bring a clear advantage or cost saving.

Whatever your requirements, get in touch with our team today to discuss monitoring and sampling for your site, and find out how ERS can help you.

Get in Touch

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