

Meet WRC's Waste Doctors



WRC's team of Waste Doctors helps clients across multiple sectors to optimise the value of their "waste" resources and ensure regulatory compliance. We specialise in the design and implementation of waste sampling and classification methodologies.

WRC has been instrumental in developing guidance that supports UK plc with understanding and managing unavoidable waste. Examples of publications the team has produced or contributed to include:

- ESA, 2018 - *A sampling and testing protocol to assess the status of incinerator bottom ash*
- Environment Agency, 2009 - *Guidance on monitoring of MBT and other treatment processes*
- PD CEN/TR 15310:2006 parts 1-4 – *Characterisation of waste. Sampling of waste materials*
- BS EN 14899:2005 – *Characterisation of waste. Sampling of waste materials. Framework for the preparation and application of a sampling plan*
- ESART, 2004 - *A practitioner's guide to testing waste for onwards reuse, treatment or disposal acceptance*



The team provides specialist technical consultancy underpinned by in-house laboratory testing to characterise wastes and products and help waste producers recover resources. We develop robust evidence to support intelligent, rather than worst-case classification, under the WM3 guidance.



WRC's Waste Doctors can help you manage ever-evolving regulatory and contractual requirements accurately and efficiently, safeguarding your reputation and enabling you to focus on your business priorities.

Get in touch with waste@wrcplc.co.uk or any of the consultancy team opposite to discuss how we can help you.

Further information is at wrcplc.co.uk/resource-efficiency



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The team specialises in five key service areas.



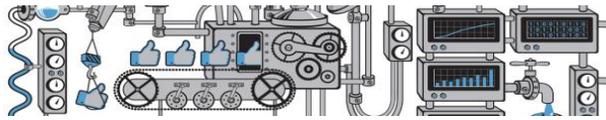
Waste characterisation and classification

WRc helps waste producers to understand the basic characteristics of their wastes – type, quantity, physical and chemical properties – in order to classify wastes correctly and make informed recovery option assessments. We undertake biodegradability, hazardous property, environmental risk and end-of-waste assessments and highlight 'problem' parameters which may compromise zero waste to landfill and other resource recovery goals.



In-house laboratory testing

WRc's Waste Doctors are supported by a team of technicians in WRc's in-house laboratory. The team undertakes the processing and analysis of large, complex and often heterogeneous samples, in order to generate statistically-robust, representative test results.



Statistical analysis and programme design

Our statisticians design and manage surveys and sampling frameworks to estimate waste occurrences, characterise waste composition and quantify material flows. We have developed sampling protocols for regulators, devolved administrations, trade associations and companies from a range of industrial sectors.



Circular economy

WRc is well-placed to build partnerships and facilitate cross-sector working. The transition to a circular economy demands efficiencies and improvements in processes, along with an understanding of wider context and a clear sense of strategic direction. WRc can help your organisation think creatively and develop these overarching frameworks. See our circular economy outputs – **Innovation in Infrastructure** and **Innovation in Plastics**.



Environmental risk assessment

The team undertakes environmental risk assessments to demonstrate compliance with end of waste criteria and quality protocols, ensuring valuable resources remain in circulation.

optimising value | ensuring compliance |
safeguarding reputation