



# Contaminated Land Testing SERVICES

# Contaminated Land Analysis

ALS Environmental are a world-class analytical testing company supplying a wide range of expert services to the remediation and investigation markets.

As an organisation ALS can provide you with accredited laboratory testing, in-field, real-time analysis and on-site monitoring including sampling for land analysis. We encompass a wide variety of analytical and sampling service options to the contaminated land sector, these include:

- Standard 5 working day turnaround time
- Site-specific suites analysis
- Environmental Technicians
- Waste Acceptance Criteria (WAC)
- On-site analysis
- Equipment for hire
- Field Chemists
- Dedicated account management
- Access to other group laboratories for specialised requirements

Some of the guidance and regulations that we are frequently asked to analyse for includes, but is not limited to:

- The Contaminated Land Exposure Assessment (CLEA) Directive
- The Landfill Directive
- The Integrated Pollution Prevention and Control Directive
- The Contaminated Land Regime Part IIA, part of the Environmental Protection Act 1990
- Limitation of Liability
- WAC
- Waste Management Regulations (WM3)



# Quality Assurance

Our dedicated environmental laboratories are accredited to ISO 17025:2005 through UKAS and we hold some of the most extensive MCERTS accreditation for soils in the United Kingdom. The quality of our analysis is assured through participation in a number of proficiency testing schemes including CONTEST, RTC, AIMS and AISS.

Acronym	Full Name	Description
<b>CONTEST</b>	Contaminated Land Proficiency Testing Scheme	CONTEST aims to enable laboratories performing the analysis of soils to monitor their performance and compare it with that of their peers, provide information on technical issues and methodologies relating to testing of contaminated land.
<b>RTC</b>	Resource Technology Corporation	The primary aim of the LPTP Scheme is to enable laboratories performing the analysis of environmental soils to monitor their performance and compare it with that of their peers.
<b>AIMS</b>	Asbestos in Materials Scheme	AIMS assess the proficiency of laboratories undertaking qualitative analysis of asbestos in materials
<b>AISS</b>	Asbestos in Soils Scheme	AISS aims to assess the proficiency of laboratories undertaking qualitative and quantitative analysis of asbestos in soils.

We understand the legislative pressures on this industry and offer analysis to meet the regulations set by various governing bodies. These include:

- The Environment Agency
- The Department of Food and Rural Affairs (DEFRA)
- The Scottish Environmental Protection Agency (SEPA)
- The Environmental Protection Agency Ireland
- The Northern Ireland Environment Agency
- Natural Resource Wales



# Our Services

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ALS Environmental have a dedicated contaminated land laboratory in Coventry which can provide a range of Organic and Inorganic analysis including:

- Extractable Hydrocarbons (EH)
- Phenols
- Polycyclic Aromatic Hydrocarbons (PAH)
- Polychlorinated Biphenyls (PCB)
- Asbestos identification in soil
- Herbicides and OCP Pesticides
- Volatile Organic Compounds (VOC )
- Semi-Volatile Organic Compounds (SVOC) with Tentatively Identified Compounds (TICs)
- VPH-EPH (C5 to C44)
- Metals
- Anions

ALS Environmental understand the time constraints on our customers. We offer a standard turnaround of 5 working days, with fast track options available for priority samples. Our Contaminated Land service is backed up by our sister European laboratories based in Scandinavia, Czech Republic and Mainland Europe.

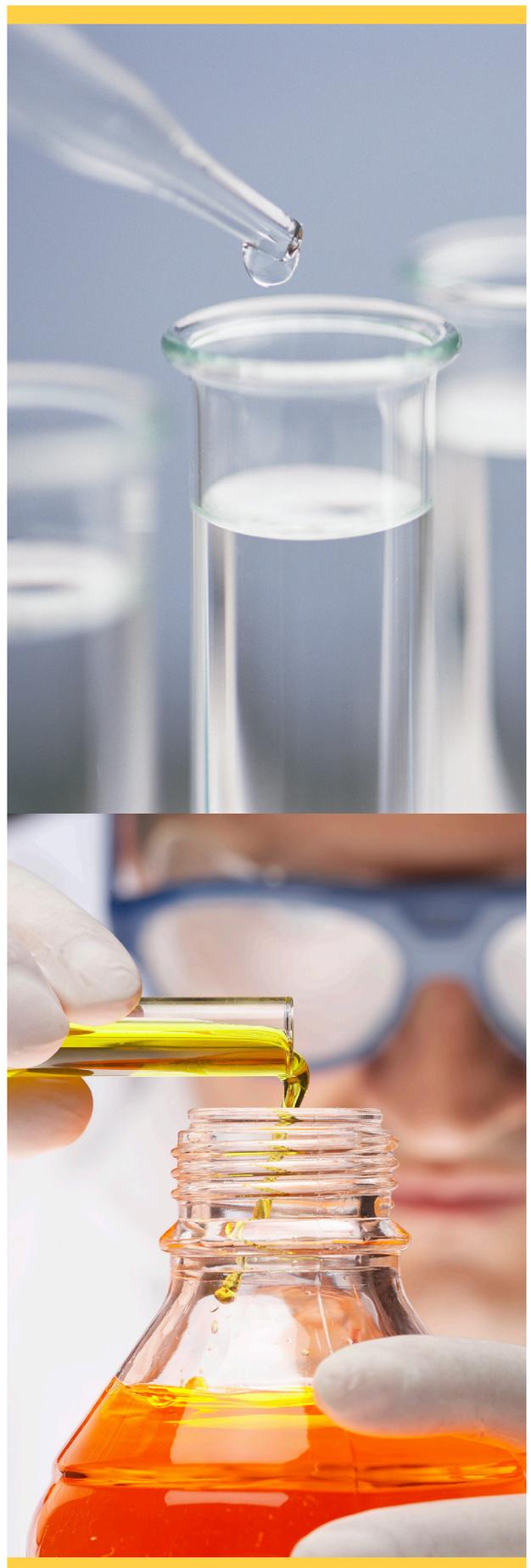
Our analytical test reports are designed to display results clearly, concisely and are available in multiple report formats, these include:

- AGS
- Equis
- Excel
- WAC
- Online WebTrieve Reporting
- PDF

## Waste Acceptance Criteria

ALS Environmental are a leading supplier of WAC analysis. Our dedicated laboratory has been designed to carry out the leaching methodologies for WAC prescribed in the Landfill Directive. The leaching processes available include:

- BSEN 12457:2005 Part 1, 2, 3
- NEN 7375:2004 Tank Testing
- NRA Leachate
- Upflow Percolation



# Field Services

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Our Field Services division offer a comprehensive range of expert environmental monitoring, sampling and onsite testing. We also provide the hire of sampling and monitoring equipment for any onsite projects. Our team of environmental technicians are providing national coverage for your monitoring and sampling, our services include:

- Window Sampling
- Trial Pitting
- Field Chemist
- Ground Water Sampling
- Onsite Monitoring
- Chemical Waste Identification
- Ground Gas Monitoring
- Soil Sampling
- Air Monitoring

We offer services that meet the needs of the Integrated Pollution Prevention and Control (IPPC) Directive and the team are approved to operate on construction sites.

We can supply you with onsite analytical tools with benefits including significant time and cost-savings for site investigation and remediation projects. The range of tools available from ALS Environmental can provide accurate, real-time environmental data. When combined with our UKAS and MCERTS accredited laboratory analysis we provide a total solution for contaminated land testing. Depending on your requirements we can provide you with training on how to use the tools or compile the analysis on your behalf.

# Onsite Analysis

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We are able to provide onsite tools and all appropriate training to allow our customers to gain a better understanding of their sites prior to submitting samples to the laboratories.

## Niton XRF Analyser

ALS Environmental are able to provide customers with the Niton Handheld XRF to provide rapid onsite analysis for metals content of soils. The device can provide the user with a result in under 2 minutes.

## SiteLAB PetroFLAG

PetroFLAG is a rapid and simple tool for measuring broad range hydrocarbon contamination in soil. The system uses patented chemistry which produces an increase in turbidity with increasing hydrocarbon concentrations. The turbidity is quantified using the PetroFLAG analyser producing a ppm output which is displayed on the unit screen. PetroFLAG is a broad range TPH measurement system and is best utilised where speciation is not absolutely necessary.



# Additional Services

To stay connected with our customers, ALS Environmental provide access to online data using our WebTrieve™ online portal, courier services for the rapid transportation of samples and our laboratory barcoding system, enabling samples to be registered in an efficient and time saving manner.

## WEBTRIEVE™ - Online Data System

Online access to analytical data via WebTrieve™, our secure application. The online portal provides the following benefits:

- Real-time access to your analytical data
- Accreditation, certification and method summaries
- Personalise your views and settings
- Internet accessible data 24/7
- Data extraction and manipulation function
- Live data - only minutes behind our LIMS
- Your data securely archived at no cost



## Courier Services

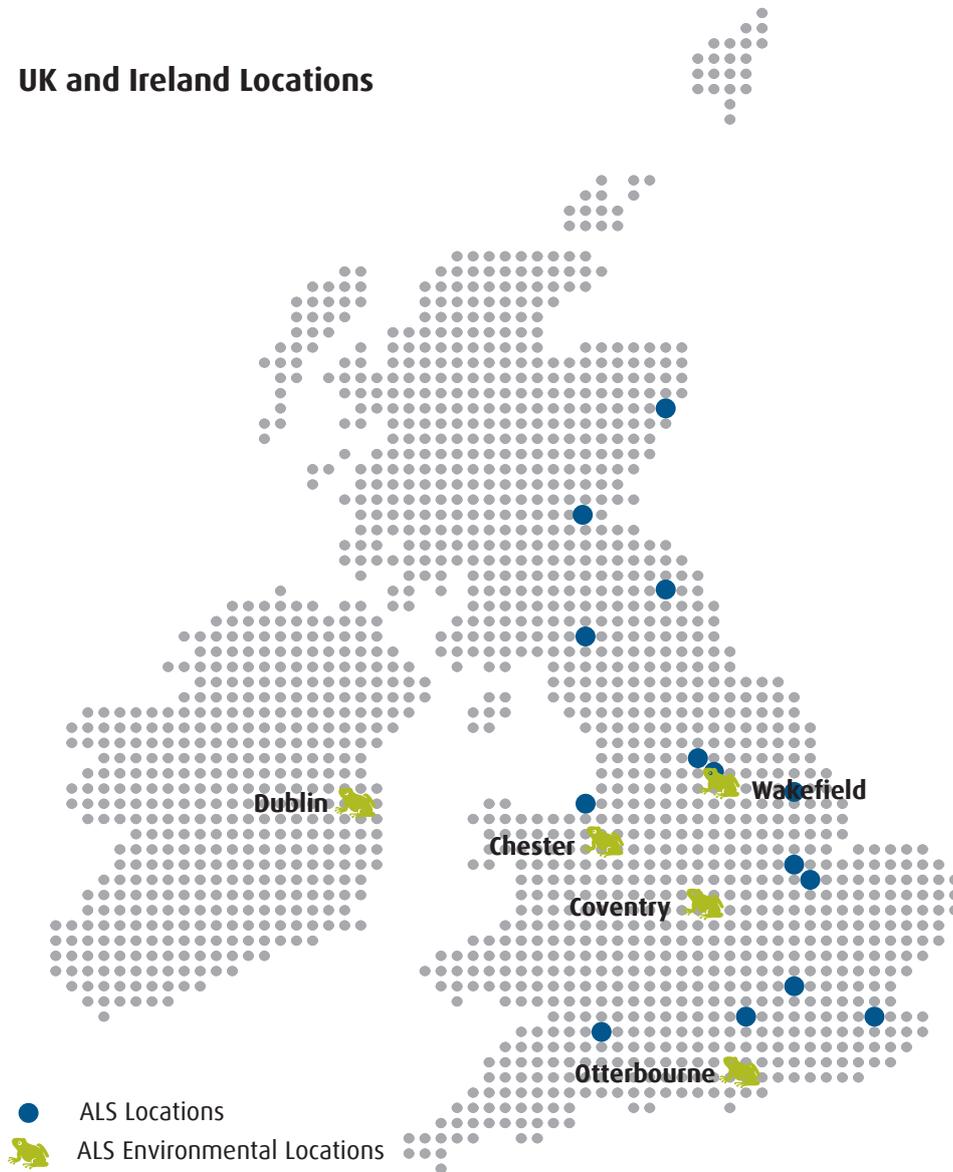
At ALS Environmental we operate a dedicated courier service to ensure all samples are delivered to the laboratory within a suitable time frame. Our service offering includes:

- Fleet of temperature controlled vans
- 24 hour sample reception open 7 days a week
- Collection and delivery service operating between the hours of 8am to 6pm
- Nationwide coverage for all required collections and deliveries
- Containers delivered free of charge

## Pre-Registration

ALS Environmental are able to offer a pre-registration system known as “Pre-Reg”. By utilising our Pre-Reg system, customers are able to have their analysis pre-loaded onto their bottles along with all registration information prior to submitting the samples for analysis. This will ensure that you have the correct bottles and preservatives; additionally Pre-Reg will allow your samples to be fast-tracked past the registration stage and into the laboratory.

## UK and Ireland Locations



## Contact Us

To discuss your requirements for Contaminated Land analysis please contact us:

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Email: [info.ukenviro@alsglobal.com](mailto:info.ukenviro@alsglobal.com)

Or visit our website: [www.alsenvironmental.co.uk](http://www.alsenvironmental.co.uk)