



Delivering Quality Environmental Contamination Data

Independent Testing Laboratory:

- Heavy Metals
- Petroleum Hydrocarbons
- PAH, PCB
- WAC (Waste Acceptance Criteria)
- ASBESTOS

ISO/IEC 17025: 2017

Fast Track Processing

Supported Industries:

- Chemical
- Construction
- Civil Engineering
- Environmental Monitoring
- Land Remediation
- Petrochemical
- Transport
- Waste Management

01424 718618

www.elab-uk.co.uk



Introduction



ELAB, specialises in the testing of soil, water and leachate samples. We also provide environmental monitoring equipment hire. Our services include soil and water analysis, inorganics and organics analysis, Geotechnical chemical testing, metals analysis, as well as asbestos identification/quantification, waste characterisation testing and waste acceptance criteria (WAC).

ELAB is accredited by UKAS to ISO/IEC 17025 for asbestos identification and for a range of soil and water tests. It also holds MCERTS accreditation for a range of soil tests. A link to our current accreditation schedule can be found at our website www.elab-uk.co.uk.

ELAB laboratories are staffed by qualified technical specialists, supervised by our technical team which includes scientists and Chartered chemists.

Contaminated Land, Water and Leachates Analysis

There are unacceptable risks to human health and the environment from historic land contamination which were addressed in the UK through the Environmental Protection Act 1990. The Environment Agency (EA) and DEFRA provides further information on the legal framework and issues related to bringing contaminated land back into safe use.

Our data reporting meets the needs of specialists including Site Investigators, Remediation Specialists, Geotechnical and Geo-environmental experts and Engineering Consultants.

Our range of testing services include:

Asbestos Identification & Quantification

Asbestos is a naturally occurring mineral that has been used by the construction industry in building materials in the UK until mid-1980. The Control of Asbestos Regulations 2012 which came into force 6 April 2012 reinforces the earlier regulations of 2006 which places a requirement on employers to protect their employees from exposure to asbestos. ELAB provide P401 fully trained technicians to examine and identify all forms of asbestos and indicate the likely levels of operator exposure when handling sample material.

Organic Compounds

Benzene, Toluene, Ethyl Benzene and Xylene (BTEX)

Pesticides & Herbicides

Polyaromatic Hydrocarbons (PAHs)

Polychlorinated Biphenyls (PCBs)

Volatile Organic Compounds (VOCs)

Semi-volatile Organic Compounds (SVOC)

Total Petroleum Hydrocarbons (TPH including CWG)



Metals Analysis

Aluminium	Lead	Potassium
Arsenic	Magnesium	Selenium
Barium	Magnesium (available)	Sodium
Beryllium	Magnesium (Water Soluble)	Vanadium
Boron (Water Soluble)	Manganese	Zinc
Cadmium	Mercury	Antimony
Calcium	Molybdenum	Gold
Chromium	Nickel	Lithium
Chromium (Hexavalent)	Phosphorus (available)	Silver
Cobalt	Phosphorus	Strontium
Copper	Potassium (available)	Thallium
Iron		Tin

Please contact us for elements not on this list.

Other Analytes

Anions

Cyanides

Electrical Conductivity

pH Values

Sulphur Compounds

Total Organic Carbon (TOC)

Client/site specific suites are also available to meet your requirements. Talk to our technical experts to develop a bespoke package.

Waste Acceptance Criteria (WAC)

The Landfill Directive (EU Directive 99/31/EC) places controls on waste disposal which include the requirements to follow waste acceptance procedures and criteria agreed by the Council of the EU. The waste acceptance procedures and criteria are set out in the Council Decision (2003/33/EC), and in Schedule 10 of the Environmental Permitting (England and Wales) Regulations 2010.

If you believe that the waste you need to dispose of should go to a landfill then you need to establish if the waste meets the acceptance criteria of the disposal site.

ELAB provide the following standard test suites to BS 12457:

WAC – Full Waste Suite

WAC – Inert Waste Suite

WAC – Hazardous Waste Suite

Additionally we undertake testing to support Waste Characterisation Procedures

Call and ask to talk to our technical team for guidance on the right suite for your waste.



The Environment Agency (EA) regulates all businesses that make emissions to land, air and water. If your business needs an EA permit to operate you probably have a requirement to monitor your emissions either continuously or at prescribed intervals.

- Environmental Permitting (England and Wales) Regulations 2010
- The Contaminated Land (England) (Amendment) Regulations 2012
- The Landfill Regulations 2005
- Waste Acceptance Criteria 2005
- The Hazardous Waste (England and Wales) (Amendment) Regulations 2009
- Waste (England and Wales) Regulations 2011
- The European Water Framework Directive which became part of UK law in December 2003



To help you prepare your samples, call and discuss your needs with our Technical team who will provide the appropriate containers in thermally insulated boxes for free transportation to our labs. These can be requested outside of normal working hours via our website using the appropriate form under the Logistics menu.

Free sample collection is also available so don't hesitate to call and book a local collection or National courier service to transport your samples safely and securely for processing. We also provide an online collection request form on our website under the Logistics menu so you can place your collection request at your convenience.

Fast Track Processing Available

Testing is usually undertaken on a 5 day turnaround, however, fast track options are available for quick turnaround when time is an issue. Talk to our Collection team about your processing needs and our **Fast Track 4, 3 or 2 day** turnaround options. Please note that certain tests require long duration processing and can't be done in less than the prescribed time (i.e. WAC in less than 5 days). We can also provide single parameter **24hr turnaround** on specific tests, subject to availability. Call our Technical team to discuss your requirements.

Website

Please visit our website anytime at www.elab-uk.co.uk, to use our booking forms for Container Requests or to Arrange a Collection.



Contact

Expert advise on all aspects of soil, water and leachate contamination, telephone **01424 718618** and ask for our Technical team or email info@elab-uk.co.uk.

The Environmental Laboratory Ltd, Unit A2, Windmill Road, St. Leonards on Sea, East Sussex, TN38 9BY Telephone: 01424 718618 Email: info@elab-uk.co.uk

Logistics

Free Collection
Free Containers
Fast Track Options

Telephone

01424 718618
0845 900 7004

