

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <b>2751</b> <b>Accredited to ISO/IEC 17025:2017</b>	<b>Environmental Radioactivity Laboratory</b>	
	<b>Issue No: 007      Issue date: 05 December 2023</b>	
	<b>Biological and Environmental Sciences</b> <b>Faculty of Natural Sciences</b> <b>University of Stirling</b> <b>Stirling</b> <b>FK9 4LA</b>	<b>Contact: Prof. David Coplestone</b> <b>Tel: +44 (0)1786 467852</b> <b>E-Mail: erl@stir.ac.uk</b> <b>Website: www.erl.stir.ac.uk</b>
<b>Testing performed by the Organisation at the locations specified below</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> Biological and Environmental Sciences Faculty of Natural Sciences University of Stirling Stirling FK9 4LA  <b>Local contact</b> Prof. D Coplestone  Tel: +44 (0)1786 467852 E-Mail: erl@stir.ac.uk	Radiation and radiochemistry: testing for gamma emitting radionuclides in environmental samples	A

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
Any customer premises	Sampling of environmental samples for testing for gamma emitting radionuclides.	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SAMPLES	<u>Sampling</u>		
Soil, sediment, vegetation, sewage, waters and effluents	Sampling	Documented In-House Procedures covering: - sampling plans, - site identification, - sample collection and storage during transportation: Series LS02	B
Soil, sediment, vegetation, biota, sewage, waters and effluents	Sample Preparation Methods; including determination of:- Moisture content Density	Documented In-House methods covering procedures as applicable for: -storage, -preparation of sample types by freeze drying and oven drying, sieving, grinding and homogenisation of samples, gravimetric and volumetric determination Series LS03	A
	<u>Radiochemical Analysis</u>	Documented In-House Procedures	
Sample density range: 0.3 kg m <sup>-3</sup> – 2.0 kg m <sup>-3</sup>  Including; Soil, sediment, vegetation, biota, waters and sewage.	Gamma emitting radionuclides (Energy range; 40keV – 1900 keV)	Gamma emitters by high resolution gamma ray spectrometry Series: LS04, LS06, LS07, LS08 and LS09	A
ENVIRONMENTAL MEASUREMENT			
Gamma Dose rate in air	Air kerma	Gamma dosimetry by environmental radiation monitor. Series IS01.	A, B
END			