

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>4209</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>McQuillan Envirocare Ltd</p> <p>Issue No: 029 Issue date: 25 March 2024</p>	
	<p>Caulside Drive Newpark Industrial Estate Antrim Northern Ireland BT41 2DU</p>	<p>Contact: Mr N McCauley Tel: +44 (0)28 9446 6708 Fax: +44 (0)28 9442 9580 E-Mail: neil.mccauley@mcqcos.com Website: www.mcquillanenvirocare.com</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS	<u>Chemical Tests</u>	
	Loss on Ignition	Documented In-house method SAM 002 using gravimetry
SOILS	Dry Matter Content	Documented In-house method SAM 003 using gravimetry
GROUNDWATERS, SURFACE WATER, WASTE WATERS, TRADE EFFLUENTS, PREPARED AND LANDFILL LEACHATES	<u>Chemical Tests</u>	
	Chemical Oxygen Demand	Documented In-house method SAM 009 using colorimetry
	Chemical Oxygen Demand (Settled)	Documented In-house method SAM 009 using colorimetry
	Ammonia Total Oxidised Nitrogen Nitrite Phosphate Alkalinity Chloride Sulphate Nitrate (Calculation)	Documented in house method SAM 031 using discrete analyser
GROUNDWATERS, SURFACE WATER, WASTE WATERS, TRADE EFFLUENTS, AND LANDFILL LEACHATES	Fluoride	Documented in house method SAM 031 using discrete analyser



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GROUNDWATERS, SURFACE WATER, WASTE WATERS, TRADE EFFLUENTS, PREPARED AND LANDFILL LEACHATES	<u>Chemical Tests</u> Conductivity @25°C pH Biochemical Oxygen Demand Suspended solids	Documented In-house method SAM 005 using conductivity meter Documented In-house method SAM 004 using pH meter Documented in house method SAM016 using a DO meter Documented in house method SAM001 by gravimetry
GROUNDWATERS, SURFACE WATER, TRADE EFFLUENTS, PREPARED AND LANDFILL LEACHATES	Total Dissolved Solids	Documented in house method SAM 028 by Gravimetry
GROUNDWATER, SURFACE WATER, TRADE EFFLUENTS PREPARED AND LANDFILL LEACHATES	Phenol Index	Documented in house method SAM 029 by sealed tube colorimetry
GROUNDWATER, SURFACE WATER, TRADE EFFLUENTS PREPARED AND LANDFILL LEACHATES	Dissolved Macro Metals: Calcium Magnesium Potassium Sodium	Documented In-house method SAM 038 DM by ICPMS
GROUNDWATER, SURFACE WATER, TRADE EFFLUENTS AND LANDFILL LEACHATES	Total Macro Metals: Calcium Magnesium Potassium Sodium	Documented In-house method SAM 038 TM by ICPMS



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GROUNDWATER, SURFACE WATER, LANDFILL LEACHATES & TRADE EFFLUENT	<u>Chemical Tests</u> (cont'd) Total Trace Metals: Antimony Arsenic Barium Beryllium Cadmium Cobalt Chromium Copper Iron Lead Lithium Manganese Molybdenum Nickel Selenium Silver Strontium Thallium Tin Vanadium Zinc	Documented In-house method SAM 038 TT by ICPMS
GROUNDWATER, SURFACE WATER, LANDFILL LEACHATES & TRADE EFFLUENT	Dissolved Trace Metals Aluminium Antimony Arsenic Barium Beryllium Cadmium Cobalt Chromium Copper Iron Lead Lithium Manganese Molybdenum Nickel Selenium Strontium Thallium Tin Vanadium Zinc	Documented In-house method SAM 038 DT by ICPMS



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GROUNDWATER & SURFACE WATER	<u>Chemical Tests</u> (cont'd) Dissolved Trace Metals (cont'd) Silver	Documented In-house method SAM 038 DT by ICPMS
END		