


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: 024 Issue date: 28 April 2021</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	<p><u>Chemical Tests</u></p> <p>Hydrocarbons >C10-C40</p> <p>Loss on Ignition</p>	<p>Documented In-house method SAM 014 using GC-FID</p> <p>Documented In-house method SAM 002 using gravimetry</p>
SOILS	<p>Dry Matter Content</p>	<p>Documented In-house method SAM 003 using gravimetry</p>
GROUNDWATERS, SURFACE WATER, WASTE WATERS, TRADE EFFLUENTS, PREPARED AND LANDFILL LEACHATES	<p><u>Chemical Tests</u></p> <p>Chemical Oxygen Demand</p> <p>Chemical Oxygen Demand (Settled)</p> <p>Ammonia Total Oxidised Nitrogen Nitrite Phosphate Alkalinity Chloride Sulphate</p> <p>Nitrate (Calculation)</p> <p>Conductivity @25°C</p> <p>pH</p> <p>Biochemical Oxygen Demand</p>	<p>Documented In-house method SAM 009 using colorimetry</p> <p>Documented In-house method SAM 009 using colorimetry</p> <p>Documented in house method SAM 031 using discrete analyser</p> <p>Documented In-house method SAM 005 using conductivity meter</p> <p>Documented In-house method SAM 004 using pH meter</p> <p>Documented in house method SAM016 using a DO meter</p>



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GROUNDWATERS, SURFACE WATER, WASTE WATERS, TRADE EFFLUENTS, PREPARED AND LANDFILL LEACHATES (cont'd)	<u>Chemical Tests</u> (cont'd)	
	Suspended solids	Documented in house method SAM001 by gravimetry
	Fluoride	Documented in house method SAM 007 by ion selective electrode
	Total Dissolved Solids	Documented in house method SAM 028 by Gravimetry
	Phenol Index	Documented in house method SAM 029 by sealed tube colorimetry
	Total Organic Carbon	Documented in house method SAM 034 using Vario TOC cube analyser
	Dissolved Organic Carbon	Documented in house method SAM 034 using Vario TOC cube analyser
GROUNDWATER, SURFACE WATER, TRADE EFFLUENTS PREPARED AND LANDFILL LEACHATES	Total TPH (>C10 - <C40)	Documented In-house method SAM 022 using GC-FID
	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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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GROUNDWATER, SURFACE WATER, AND LANDFILL LEACHATES	<u>Chemical Tests (cont'd)</u> Total Trace Metals: Antimony Arsenic Barium Beryllium Cadmium Cobalt Chromium Copper Manganese Molybdenum Nickel Selenium Strontium Tin Vanadium	Documented In-house method SAM 038 TT by ICPMS
GROUNDWATER, SURFACE WATER, AND LANDFILL LEACHATES	Dissolved Trace Metals Antimony Arsenic Barium Beryllium Cadmium Cobalt Chromium Copper Manganese Molybdenum Nickel Selenium Strontium Tin Vanadium	Documented In-house method SAM 038 DT by ICPMS
END		