


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>UKAS TESTING 4209</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>McQuillan Envirocare Ltd</h3> <p>Issue No: 006 Issue date: 20 January 2011</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: nmccauley@mcquillanenvirocare.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>	
	Hydrocarbons >C10-C40	Documented In-house method SAM 014 using GC-FID
	Loss on Ignition	Documented In-house method SAM 002 using gravimetry
	Dry Matter Content	Documented In-house method SAM 003 using gravimetry
GROUNDWATERS, SURFACE WATER, TRADE EFFLUENTS, PREPARED AND LANDFILL LEACHATES	Total Organic Carbon	Documented In-house method SAM 015 using Elementar TOC/TN analyser
	<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



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GROUDWATERS, SURFACE WATER, TRADE EFFLUENTS, PREPARED AND LANDFILL LEACHATES (Cont)	<u>Chemical Tests (Cont)</u>	
	Metals :	Documented in house method SAM 018 using ICP-OES
	Aluminium	
	Arsenic	
	Barium	
	Cadmium	
	Chromium	
	Cobalt	
	Copper	
	Iron	
Lead		
Manganese		
Molybdenum		
Nickel		
Vanadium		
Zinc		
Chloride	Documented in house method SAM 006 using a Sherwood MkII analyser	
Ammonia	Documented In-house method SAM 011 using Photometry	
Alkalinity	Documented in house method SAM 023 by titration	
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	
Nitrate	Documented in house method SAM 026 by sealed tube colorimetry	
<u>Nitrite</u> <u>(Total oxidised nitrogen by calculation)</u>	Documented in house method SAM 025 by sealed tube colorimetry	



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GROUDWATERS, SURFACE WATER, TRADE EFFLUENTS, PREPARED AND LANDFILL LEACHATES (Cont)	<u>Chemical Tests (Cont)</u>	
	Ammonia (Low range)	Documented in house method SAM 027 by sealed tube colorimetry
	Sulphate	Documented in house method SAM 024 by sealed tube colorimetry
	Conductivity @25°C	Documented In-house method SAM 005 using conductivity meter
	pH	Documented In-house method SAM 004 using pH meter
	Total Organic Carbon	Documented In-house method SAM 015 using Elementar TOC/ TN analyser
	Dissolved Organic Carbon	Documented In-house method SAM 015 using Elementar TOC/ TN analyser
GROUNDWATER, SURFACE WATER, TRADE EFFLUENTS AND LANDFILL LEACHATES	Total TPH (>C10 - <C40)	Documented In-house method SAM 022 using GC-FID
	Suspended solids	Documented in house method SAM001 by gravimetry
	Biochemical Oxygen Demand	Documented in house method SAM016 using a DO meter
END		