


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Veolia Water Shared Services Ltd</h3> <p>Issue No: 017 Issue date: 07 July 2011</p>	
	<p><b>Veolia Water UK Laboratory</b> The Causeway Staines Middlesex TW18 3BX</p>	<p><b>Contact: Mr K S Sidhu</b> Tel: +44 (0)1707 398503 Fax: +44 (0)1707 398501 E-Mail: Kal.Sidhu@veoliawater.co.uk Website:</p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>WATERS</p> <p>Raw and Potable Waters</p>	<p><u>Chemical Tests and Physical Tests</u></p> <p>Testing for the purpose of enforcement of the Water Supply (Water Quality) Regulations 2000 [SI 3184]. The testing is in accordance with the Drinking Water Testing Specification (DWTS).</p>	<p>Documented In-House Procedures based in/incorporating published procedures in the HMSO Series 'Methods for the Examination of Waters and Associated Materials', (MEWAM), referenced by the ISBN number and year. Additional or alternative references are identified where appropriate.</p>
	Acrylamide	Method No 22 Documented In-House Method
	Alkalinity	Method No 512 ISBN 011 751 601 5
	Ammonium	Method No 503 ISBN 011 751 13 9, (Method D), 1987
	Bromate	Method No 703 ISBN 011 752 331 3 Dionex Application Note 136
	Bromide	Method No 703 ISBN 011 752 331 3 Dionex Application Note 136
	Chlorate/Chlorite	Method No 705 Dionex Application Note 136



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WATERS (cont'd)	<u>Chemical Tests and Physical Tests</u> (cont'd)	
Raw and Potable Waters (cont'd)	Chloride	Method No 507 ISBN 011 751 626 0, (Method D), 1981
	Chlormequat	Method No 21 Agilent Technologies Application Note 5988-722 OEN
	Colour	Method No 402 ISBN 011 751 955 3, (Method A3), 1981
	Cyanide: Total	Method No 416 ISBN 011 752 219 8
	Dissolved Oxygen	Method No 104 ISBN 011 751 442 X
	Dissolved Solids: Total	Method No 302 ISBN 011 751 957 X, 1980
	Dry Residues	Method No 301 ISBN 011 751 957 X, 1980
	Electrical conductivity	Method No 102 ISBN 011 571 422 84, 1978
	Fluoride	Method No 704 ISBN 011 752 331 3
	Free Carbon Dioxide	Method No 204 'The Examination of Water and Water Supplies' Thresh, Beale, Suckling, 7 <sup>th</sup> Edition, page 212
	Hardness: Total	Method No 510 ISBN 011 751 600 7, 1981





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WATERS (cont'd)	<u>Chemical Tests and Physical Tests</u> (cont'd)	
Raw and Potable Waters (cont'd)	Organic Carbon: Total	Method No 1 ISBN 011 751 458 6, 1979
	Total Oxidised Nitrogen	Method No 506 ISBN 011 751 953 0, (Method C), 1981
	Permanganate Index (Oxidisability)	Method No 201 ISBN 011 751 960 X, 1983
	PFOS PFOA	Method No 23 Documented In-House Method
	pH	Method No 101 ISBN 011 751 422 84, 1978
	Phosphate: ortho	Method No 505 ISBN 011 751 582 5, (Method A), 1980
	Polycyclic Aromatic Hydrocarbons (PAH's): Fluoranthene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Benzo(g,h,i)perylene Indeno(1,2,3-cd)pyrene	Method No 4 ISBN 011 752 032 2, 1985
	Silica	Method No 509 'Colorimetric Chemical Analytical Methods', L C Thomas, Chambers 9 <sup>th</sup> Edition, page 341
	Solids: Suspended	Method No 303 ISBN 011 751 957 X, 1980
	Sulphate	Method No 508 ISBN 011 752 240 6, 1988, 2 <sup>nd</sup> Edition
	Taste and Odour (quantitative)	Method No 906 ISBN 011 752 967 2







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WATERS (cont'd)	<u>Chemical Tests and Physical Tests (cont'd)</u>	
Raw and Potable Waters (cont'd)	Organonitrogen Pesticides: Bromacil Diflufenican Fenpropimorph Flutriafol Pendimethalin Primicarb	Method No 24 Documented in house method
Raw, Potable Bottled and Vending machine Waters	<u>Microbiological Tests</u> <i>Clostridium perfringens</i> (confirmed)	Documented In-House Method No B4A with confirmation by API32A
	<i>Clostridium perfringens</i> and Sulphite reducing Clostridia - presumptive and confirmed	Documented In-House Method No B4 with confirmation by Crossley Milk
WATERS	<u>Microbiological Tests</u>	
Raw, Potable, Bottled, and Vending machine Waters	Testing for the purpose of enforcement of the Water Supply (Water Quality) Regulations 2000 (SI 3184) The testing is in accordance with the Drinking Water Testing Specification (DWTS).	Documented In-House Procedures based on/incorporating procedures in the Standing Committee of Analysts publication "The Microbiology of Drinking Water, 2002" and its updates unless stated otherwise
	<i>Clostridium perfringens</i> (presumptive)	Method No B4A based on the Microbiology of Drinking Water 2007 part 6
	Colony Counts: 3 days at 22 °C 1 day at 37 °C 2 days at 37 °C	Method No B2 based on the Microbiology of Drinking Water 2007 part 7
	Coliforms (presumptive and confirmed)	Method No B1A
	Coliforms (confirmed)	Method No B11 Colilert Method
	<i>Escherichia coli</i> (presumptive and confirmed)	Method No B1A



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<p>WATERS (cont'd)</p> <p>Raw, Potable, Bottled, and Vending machine Waters (cont'd)</p> <p>Raw and Potable Waters</p>	<p><u>Microbiological Tests</u> (cont'd)</p> <p><i>Escherichia coli</i> (confirmed)</p> <p>Enterococcus (presumptive and confirmed)</p> <p><i>Pseudomonas aeruginosa</i> (presumptive and confirmed)</p> <p>Coliforms (identification)</p> <p>Coliforms and Faecal Coliforms</p> <p>Cryptosporidium (confirmed) in filter modules</p> <p>Cryptosporidium (confirmed) in bulk samples</p>	<p>Method No B11 Colilert Method</p> <p>Method No B3 based on the Microbiology of Drinking Water 2006 part 5</p> <p>Method No B5</p> <p>API 20E (Bio Merieux)</p> <p>Method No B1A</p> <p>Method CALM1 based on the Microbiology of Drinking Water 2009 part 14</p> <p>Method B6 based on the Microbiology of Drinking Water 2009 part 14</p>
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