


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>1565</b> Accredited to <b>ISO/IEC 17025:2017</b>	<b>Scottish Water</b>	
	<b>Issue No: 099 Issue date: 14 May 2021</b>	
	<b>Juniper House</b> <b>Heriot Watt Research Park</b> <b>Avenue North</b> <b>Edinburgh</b> <b>EH14 4AP</b>	<b>Quality Manager: Colin Duguid/ Susan Deuchars</b> <b>E-Mail: scientific@scottishwater.co.uk</b> <b>Tel: 0845 601 8855 (requesting Scientific Services Customer Management Team)</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> Juniper House Heriot Watt Research Park Avenue North Edinburgh EH14 4AP	<b>Local contact</b> E-Mail: scientific@scottishwater.co.uk	<b>Testing:</b> Microbiological Cryptosporidia Chemical	E
Inverness laboratory 31 Henderson drive Longman North Inverness IV1 1TR	E-Mail: scientific@scottishwater.co.uk	<b>Testing:</b> Microbiological Cryptosporidia Chemical	I



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

Sampling Region (see <a href="#">Appendix A</a> for details of sampling depots accredited activities for each location)		Activity	Location code
Region	Local contact		
North Region	Allan Kinvig: Clean Water / Heidi Freeguard: Waste Water	<p><b>Sampling:</b></p> <p>Sampling of water for subsequent chemical, microbiological and cryptosporidium testing</p> <p><b>On-Site Testing:</b></p> <p>Chemical</p>	N
South Region	Jolene Sinnott: Clean Water/ Heidi Freeguard : Waste Water	<p><b>Sampling:</b></p> <p>Sampling of water for subsequent chemical, microbiological and cryptosporidium testing</p> <p><b>On-Site Testing:</b></p> <p>Chemical</p>	S

**This schedule is ordered as follows:**

**[Section 1](#)**

Testing (Fixed Scope)

**[Section 2](#)**

Testing (Flexible Scope)

**[Section 3](#)**

SEPA MACs scheme

**[Section 4](#)**

Sampling and On-site Testing

**[Appendix A](#)**

Sampling Depot Location



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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
<b>Section 1 - Testing (Fixed Scope)</b>			
WATERS Raw and potable	<u>Chemical Tests and Physical Tests</u>  Testing for the purpose of enforcement of the Public water supplies (Scotland) Regulations 2014 (SI 364). The testing is in accordance with the Drinking Water Testing Specification (DWTS)	Documented In-house Procedures identified by a Method Code based on/ incorporating published procedures in the HMSO Series 'Methods for the Examination of Waters and Associated Materials' (MEWAM), referenced by the ISBN number and year. Alternative references are also identified if appropriate.	
	Alkalinity	IC 078 ISBN 011 751 601 5, 1981	E
	Ammonia	IC 009 by colorimetry (discrete analyser) ISBN 011 751 613 9, 1981	E
	Colour	IC 002 IN 32 ISBN 011 751 955 3, 1981	E I
	Conductivity @ 20°C	IN 38 ISBN 011 751428 4, 1978	E, I
	Nitrate [Oxidised Nitrogen (IC009) - Nitrite (IC009)]	IC 009 by calculation	E
	Nitrite	IC 009 by colorimetry (discrete analyser) ISBN 011 751 593 0, 1981	E
	Oxidised Nitrogen	IC 009 by colorimetry (discrete analyser) ISBN 011 751 960 X, 1981	E
	pH	IN 37 ISBN 011 752 084 5, 1988	E, I



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<p>WATERS Raw and potable (cont'd)</p>	<p><u>Chemical Tests and Physical Tests</u> (cont'd)</p>	<p>Testing for the purpose of enforcement of the Public water supplies (Scotland) Regulations 2014 (SI 364). The testing is in accordance with the Drinking Water Testing Specification (DWTS)</p>	
	<p>Phosphate (soluble reactive)</p>	<p>IC 009 by colorimetry (using discrete analyser)</p>	<p>E</p>
	<p>Chloride</p>	<p>IC 009 by colorimetry (using discrete analyser)</p>	<p>E</p>
	<p>Total Organic Carbon</p>	<p>D 45.1 (TOC Analyser)</p>	<p>E</p>
	<p>Turbidity</p>	<p>IN 33 ISBN 011 751 955 3, 1981</p>	<p>E, I</p>
	<p>Aluminium Copper Iron Lead Manganese Antimony Arsenic Cadmium Chromium Nickel Phosphorus Selenium Zinc</p>	<p>GIC 001 by ICPMS</p>	<p>E</p>
	<p>Metals: Iron Manganese Aluminium</p>	<p>ICP-OES 1 - Using ICP-OES</p>	<p>E</p>



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	Bromate Bromide Chlorate Chlorite Fluoride	O 019 Determination of Anions in Raw and Potable Water by Ion Chromatography	E
	Total cyanide	IC 008 by auto analyser	E
	Metals: Calcium Sodium Magnesium Potassium Barium Boron Sulphate Total Hardness (calculation)	ICP-OES 2 - Using ICP-OES	E
Raw and potable	Metals: Mercury	ICP-MS 1 - Using ICP-MS	E
WATERS Raw and potable (cont'd)	<u>Chemical Tests and Physical Tests</u> (cont'd)	Testing for the purpose of enforcement of the Public water supplies (Scotland) Regulations 2014 (SI 364). The testing is in accordance with the Drinking Water Testing Specification (DWTS)	
	Polycyclic or Polynuclear Aromatic Hydrocarbons: Benzo-a-pyrene Benzo-b-fluoranthene Benzo-ghi-perylene Benzo-k-fluoranthene Indeno (1,2,3 cd pyrene) Total polycyclic aromatic hydrocarbons	O 048 by HPLC with Fluorescence Detection	E



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Raw and Potable Waters	Bifenthrin cis-Permethrin trans-Permethrin Permethrin total Cypermethrin Lindane (g-HCH) Heptachlor Chlorpyrifos Aldrin Heptachlor exo epoxide Heptachlor endo epoxide Heptachlor epoxide Dieldrin a-HCH Fenitrothion Malathion Pendimethalin Chlorfenvinphos	O 047 by GCMSMS	



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Raw and Potable Waters	<p>Microcystin RR Microcystin YR Microcystin LR</p> <p>Determination of Pesticides, Herbicides and Fungicides: Atrazine Azoxystrobin Boscalid Carbendazim Carbetamide Chlorotoluron Chloroxuron Cyproconazole Cyprodinil Diazinon Dimethoate Diuron Epoxiconazole Florasulam Flufenacet Isoproturon Linuron Metaldehyde Metazachlor Metoxuron Monolinuron Monuron Penthiopyrad Propachlor Propazine Propetamphos Propiconazole Propyzamide Prosulfocarb</p>	<p>O 054 by Direct Injection LCMSMS</p> <p>O 043 by LCMSMS Triple Quad</p>	<p>E</p> <p>E</p>
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<p>WATERS Raw and potable (cont'd)</p>	<p><u>Chemical Tests and Physical Tests</u> (cont'd)</p>	<p>Testing for the purpose of enforcement of the Public water supplies (Scotland) Regulations 2014 (SI 364). The testing is in accordance with the Drinking Water Testing Specification (DWTS)</p>	
	<p>Prothioconazole Quinmerac Simazine Tebuconazole Trietazine Trinexapac-ethyl</p>	<p>O 043 by LCMSMS Triple Quad (continued)</p>	<p>E</p>
	<p>2,4-D 2,4-DB Clopyralid Dicamba Dichlorprop Fluroxpyr MCPA MCPB Mecoprop Picloram Trichlopyr Asulam Bentazone Bromoxynil Fluzilazole Ioxynil Isopyrazam Methiocarb Carbofuran Metamitron Metribuzin Terbuthylazine</p>	<p>O 044 by LCMS Triple Quad</p>	<p>E</p>
<p>Raw (Surface and Ground waters) and Potable waters</p>	<p>Metsulfuron-methyl Thifensulfuron-methyl Tribenuron- methyl Pirimicarb Mesosulfuron- methyl S-Metolachlor Bixafen</p>	<p>O 049 by direct injection LCMS/MS</p>	<p>E</p>





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<p>WATERS Raw and potable (cont'd)</p> <p>Raw (Surface and Ground waters) and Potable waters</p>	<p><u>Chemical Tests and Physical Tests</u> (cont'd)</p> <p>Phenolic compounds Phenol 2-Methylphenol 3-Methylphenol 4-Methylphenol 2-Chlorophenol 2,5-Dimethylphenol 2,4-Dimethylphenol 4-Chlorophenol 3,5-Dimethylphenol 3-Bromophenol 2-Bromophenol 4-Bromophenol 4-Chloro-3-methylphenol 2,4 &amp; 2-6-Dichlorophenol 4-t-Butylphenol 2-Chloro 4-Bromophenol 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 2-chloro-p-tert Butylphenol 2,4 -Dibromophenol 2-6-Dibromophenol 2-Bromo-4,6-Dichlorophenol 2-Bromo-p-tert- Butylphenol 2,3,4,6 Tetrachlorophenol 2,6 Dibromo-4-Chlorophenol 2,4,6-Tribromophenol Pentachlorophenol 2,3,4,6- Tetrabromophenol</p>	<p>Testing for the purpose of enforcement of the Public water supplies (Scotland) Regulations 2014 (SI 364). The testing is in accordance with the Drinking Water Testing Specification DWTS)</p> <p>O 050 by derivatisation, solvent extraction and GCMS</p>	<p>E</p>
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<p>WATERS Raw and potable (cont'd)</p>	<p><u>Chemical Tests and Physical Tests</u> (cont'd)</p>	<p>Testing for the purpose of enforcement of the Public water supplies (Scotland) Regulations 2014 (SI 364). The testing is in accordance with the Drinking Water Testing Specification DWTS)</p>	
<p>Raw and potable Waters</p>	<p>Haloacetic acids: Monochloroacetic acid Monobromoacetic acid Dichloroacetic acid Trichloroacetic acid Bromochloroacetic acid Dibromoacetic acid Bromodichloroacetic Acid Chlorodibromoacetic Acid Tribromoacetic Acid HAA 5 - total HAA 9 - total</p>	<p>O 055 by LC MSMS analysis</p>	<p>E</p>
	<p>Chloroform 1,2-Dichloroethane Tetrachloromethane Benzene Trichloroethene Bromodichloromethane Toluene Dibromochloromethane Tetrachloroethene Ethylbenzene M&amp;p- Xylene Bromoform o-Xylene Sum of Tetra and Trichloroethene by calculation Total THM by calculation</p>	<p>O 042 by GCMS</p>	<p>E</p>
	<p>Taste and Odour (Qualitative and Quantitative)</p>	<p>D 58 based on SCA Blue Book The determination of Taste and Odour in drinking water 2014</p>	<p>E, I</p>



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<p>WATERS Raw and potable (cont'd)</p>	<p><u>Chemical Tests and Physical Tests</u> (cont'd)</p>	<p>Testing for the purpose of enforcement of the Public water supplies (Scotland) Regulations 2014 (SI 364). The testing is in accordance with the Drinking Water Testing Specification (DWTS)</p>	
	<p><u>Radiochemical Tests</u></p> <p>Screening for: Gross Alpha levels (relative to Am<sup>241</sup>) Gross Beta levels (relative to K<sup>40</sup>)</p>	<p>RAD-1 by proportional counting</p>	<p>E</p>
	<p>Tritium (H<sup>3</sup>)</p>	<p>RAD-2 by distillation and liquid scintillation counting</p>	<p>E</p>
	<p>Radon (range 10-200Bq/l)</p>	<p>RAD-3 by liquid scintillation counting based on ISO 13164-4: 2015</p>	<p>E</p>



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	<u>Chemical Tests and Physical Tests</u>		
Raw and Potable waters	Solids: Suspended	IC 074 ISBN 011 751 951 X, 1980	E
Raw water only	Biochemical Oxygen Demand	IC 075A using automated system	E
Raw and Potable waters	Total Dissolved Solids	ISBN 011 751 957 X, 1980 D 40	E
Raw and Potable waters	Chemical Oxygen Demand (Total and Soluble) Low Range	Method IC071 by colorimetric sealed tube	E
Recreational Waters (Swimming Pools)	Chloride Ammonium	IC 009 by colorimetry (using discrete analyser)	E
Recreational Waters (Swimming Pools)	Turbidity	IN33 by Turbidity Meter	E
	pH	IN37 by pH Meter	E
	Conductivity	IN38 by Conductivity Meter	E



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WASTEWATERS	<u>Chemical Tests and Physical Tests</u>		
Untreated and treated domestic and industrial wastewaters	<u>Total Petroleum Hydrocarbons:</u> C <sub>8</sub> - C <sub>40</sub> ,	O 031 by Hexane extraction and GC-FID	E
Final Sewage effluent, Crude Sewage effluent and Trade Effluent	Fluoride Sulphate	Method O030 by ion chromatography	E
Untreated and treated domestic and industrial wastewaters, leachates	Chemical Oxygen Demand	IC 071 ISBN 011 751 915 4, 1986	E
Untreated and treated domestic and industrial wastewaters, leachates	Biochemical Oxygen Demand	IC 075A BS EN 1899:Parts 1 and 2:1998	E
	pH	IC 073 ISBN 011 751 428 4, 1978 and ISBN 020 510 480, 1987	E
	Solvent extractable material	O 028	E



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WASTEWATERS (cont'd)	<u>Chemical Tests and Physical Tests</u>	IC 036 by ICPOES ISBN 011 752 095 0, 1988 ISBN 087 553 161 X, 1989	E
Final effluent, Crude sewage, Trade effluent and Leachates	Metals: Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Molybdenum Nickel Potassium Phosphorus Sodium Sulphur Selenium Zinc Aluminium Arsenic		
WASTEWATERS Untreated and treated domestic and industrial wastewaters and leachates	Mercury	IC 043 by Cold Vapour AAS	E
Domestic and industrial wastewaters and leachates	Chloride Nitrite Nitrate (by calculation) Total Oxidised Nitrogen (TON) Ammonia Phosphate (Soluble Reactive)	GIC 007 by colorimetry (discrete analyser)	E
WASTEWATERS Untreated and treated domestic and industrial wastewaters	Alkalinity	IC 078 by titrimetry	E
WASTEWATERS Untreated and treated domestic and industrial wastewaters and landfill leachates	pH	IC 078 by automated pH meter	E



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WASTEWATERS (cont'd)	<u>Chemical Tests and Physical Tests</u>		
WASTEWATERS Untreated and treated domestic and industrial wastewaters, leachates	Suspended Solids	IC 074 Gravimetric determination	E
Chlorinated swimming pool waters	Total Dissolved Solids	D 40 by gravimetric determination	E
	Total Organic Carbon	D 45.1 (TOC Analyser)	E
Final effluent (treated sewage effluent) Raw water (surface water)	Selenium (total and dissolved)	Metals by ICPMS5 using ICPMS	E
Final sewage effluent only	Ammonia	GIC 007 (LR) by colorimetry	E
	Total Organic Carbon	D 45.1 (TOC Analyser)	E
Crude sewage, final effluent and trade effluent	Anionic Surfactants (MBAS)	IC 006 by continuous flow analyser	E
SEWAGE SLUDGES	pH	IC 081	E
Sludge matrices	Dried Solids	IC 082	E



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<p>WATERS Drinking Water, Raw waters (Ground and Surface)</p>	<p><u>Microbiological Tests</u></p>	<p>Documented In-house procedures based on 'The Microbiology of Drinking Water (MODW)</p>	
	<p>Testing for the purpose of enforcement of the Public water supplies (Scotland) Regulations 2014 (SI 364). The testing is in accordance with the Drinking Water Testing Specification (DWTS).</p>		
	<p>Isolation and enumeration of:- Heterotrophic bacteria at 37°C &amp; 22°C</p>	<p>Method MD 03 by pour plate based on MODW Part 7 (2020)</p>	<p>E, I</p>
	<p>Enterococci (presumptive and confirmed)</p>	<p>Method MD 04 by membrane filtration based on MODW part 5 (2012)</p>	<p>E, I</p>
	<p><i>Clostridium perfringens</i> (presumptive and confirmed)</p>	<p>Method MD 05 by membrane filtration based on MODW Part 6 (2021)</p>	<p>E, I</p>
	<p>Total Coliforms (confirmed) <i>E coli</i> (confirmed)</p>	<p>Method MD 07 Most Probable Number using Colilert 18 based on MODW part 4 (2016)</p>	<p>E, I</p>
	<p><i>E coli</i> (confirmed) <i>E coli</i> (presumptive)</p>	<p>Method MD 08 using MLGA by membrane filtration based on MODW part 4 (2016)</p>	<p>E, I</p>
	<p>Coliform bacteria (confirmed) Coliform bacteria (presumptive)</p>	<p>Method MD 08 using MLGA by membrane filtration based on MODW part 4 (2016)</p>	<p>E, I</p>
	<p>Detection and enumeration of <i>Cryptosporidium</i> oocysts</p>	<p>Method MP 18 based on MODW Part 14 (2010) using Filtamax Xpress wash station, concentration, immunomagnetic separation and microscopy</p>	<p>E, I</p>





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<p>WATERS (cont'd) Drinking Water, Raw water (ground and surface waters)</p> <p>Light microscopy slides with identified Cryptosporidia oocysts</p>	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Cryptosporidium Genotype Determination</p> <p><u>Isolation and enumeration of:</u></p>	<p>Documented In-House Procedures based on isolation and identification of Cryptosporidial oocysts in water</p> <p>AM 23 - Using PCR-RFLP (Polymerase chain reaction restriction fragment length polymorphism)</p> <p>Documented In-house Procedures based on "The microbiology of Drinking Water (MODW)</p>	<p>E</p>
<p>RECREATIONAL WATERS (Swimming Pools)</p>	<p>Heterotrophic bacteria at 37°C &amp; 22°C</p> <p>E coli (confirmed) E coli (presumptive)</p> <p><i>Pseudomonas aeruginosa</i> (presumptive and confirmed)</p> <p>Detection and enumeration of Cryptosporidium oocysts</p>	<p>Method MD 03 by pour plate based on MODW Part 7 (2020)</p> <p>Method MD 08 using MLGA by membrane filtration based on MODW Part 4 (2016)</p> <p>Method MW 09 using membrane filtration based on MODW Part 8 (2015)</p> <p>Method MP 18 based on MODW Part 14 (2010) using Filtamax Xpress wash station, concentration, immunomagnetic separation and microscopy</p>	<p>E, I</p> <p>E, I</p> <p>E, I</p> <p>E</p>
<p>WASTEWATERS Treated Sewage Effluent</p>	<p>Total Coliforms (confirmed) <i>E coli</i> (confirmed)</p>	<p>Method MD 07 Most Probable Number using Colilert 18 based on MODW Part 4 (2016)</p>	<p>E, I</p>

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**Section 2 – Testing (Flexible Scope)**

<p><b>AQUEOUS MATRICES</b> Various aqueous matrices as included in section 1 and 3 of the schedule</p>	<p><u>Chemical Tests</u> Determinands listed in section 1 and 3 of the schedule, and addition of new unspecified chemical determinands and additional and replacement equipment</p>	<p>Documented in-house methods using existing extraction and measurement principles included in section 1 and 3 of this schedule, developed under generic in-house flexible scope protocol procedure 12.6</p>	<p>E, I</p>
<p>END of Section 2</p>			



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**Section 3 – Testing SEPA MACS scheme**

WASTEWATERS to SEPA MACs scheme	<u>Chemical Tests</u>	Documented In-House Method to meet the requirements of the SEPA MACS Standard – sampling and chemical testing of water	
Crude Sewage (untreated sewage influent) Final effluent (treated sewage effluent) Trade effluent	Biochemical Oxygen Demand (Total and Soluble)	Method IC075A using automated system	E
Crude Sewage (untreated sewage influent) Trade effluent	Chemical Oxygen Demand (Total and Soluble) High Range	Method IC071 by colorimetric sealed tube	E
Final effluent (treated sewage effluent)	Chemical Oxygen Demand (Total and Soluble) Low Range	Method IC071 by colorimetric sealed tube	E
Crude Sewage (untreated sewage influent) Final effluent (treated sewage effluent) Trade effluent	Suspended solids	Method IC074 by Gravimetric determination	E
Crude effluent (untreated sewage influent) Final effluent (treated sewage effluent) Trade effluent	pH	Method IC073 (manual) by probe	E
Crude effluent (untreated sewage influent) Final effluent (treated sewage effluent) Trade effluent	pH	pH Method IC078 (automated pH meter)	E



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<p>WASTEWATERS to SEPA MACs scheme (cont'd)</p> <p>Final effluent (treated sewage effluent)</p> <p>Crude effluent (untreated sewage influent) Final effluent (treated sewage effluent) Trade effluent</p> <p>Crude effluent (untreated sewage influent) Final effluent (treated sewage effluent) Trade effluent</p> <p>Final effluent (treated sewage effluent), Crude effluent (untreated sewage influent) &amp; Trade effluent</p> <p>Crude effluent (untreated sewage influent) Final effluent (treated sewage effluent) and trade effluent</p> <p>Final Effluent and Crude Sewage</p>	<p><u>Chemical Tests</u> (cont'd)</p> <p>Ammonia TON Nitrate Orthophosphate</p> <p><u>Nutrients:</u> Chloride Total Oxidised Nitrogen (TON) Ammonia +TON (calculated determinand) Nitrite Nitrate (calculation from TON and nitrite) Ammonia Phosphate</p> <p>Total Nitrogen</p> <p>Fluoride</p> <p>Total Petroleum Hydrocarbons: C8-C40</p> <p>Dichloromethane Chloroform</p>	<p>Documented In-House Method to meet the requirements of the SEPA MACS Standard – sampling and chemical testing of water</p> <p>Method IC009 using discrete analyser</p> <p>Method GIC007 by colorimetry (discrete analyser).</p> <p>Method IC068 by combustion analyser</p> <p>Method O030 by Ion Chromatography with conductivity detection</p> <p>Method O031 by Hexane extraction and GC-FID</p> <p>Method O052 by Headspace GCMS</p>	<p>E</p> <p>E</p> <p>E</p> <p>E</p> <p>E</p> <p>E</p>
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<p>WASTEWATERS to SEPA MACs scheme (cont'd)</p> <p>Final effluent (treated sewage effluent)</p> <p>Crude (Untreated) Sewage, Final (Treated) Sewage Effluent, Trade Effluent</p> <p>Waste water: Crude (Untreated) Sewage Effluent, Final (Treated) Sewage Effluent, Trade Effluent</p> <p>Untreated Sewage Effluent and Treated Sewage Effluent</p>	<p><u>Chemical Tests</u> (cont'd)</p> <p>Metals (total and dissolved) Aluminium Arsenic Cadmium Chromium Copper Iron Lead Manganese Nickel Phosphorus Zinc</p> <p>Organochlorine, Organophosphorus Pesticides and Pyrethroids:</p> <p>Bifenthrin Cis-Permethrin Trans-Permethrin Permethrin – all isomers Cyfluthrin Cypermethrin Gamma-HCH (Lindane) Propetamphos Diazinon Fenitrothion Malathion Chlorfenvinphos</p> <p><u>Sampling</u> Sampling of wastewater for subsequent chemical testing</p> <p><u>On-site Testing</u> <u>pH</u></p>	<p>Documented In-House Method to meet the requirements of the SEPA MACS Standard – sampling and chemical testing of water (cont'd) Method ICPMS5 using ICPMS</p> <p>Method O051 by GC MS/MS</p> <p>Spot sampling using a documented in house method (for automatic samplers, accreditation covers either taking of samples from the container within the sampler or transfer of samples taken in manual mode to appropriate containers)</p> <p>Documented in house method S02 using HACH pH meter</p>	<p>E</p> <p>E</p> <p>N, S</p> <p>N, S</p>
<p>END of Section 3</p>			



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**Section 4 - SAMPLING AND ON-SITE TESTING:**

See [Appendix A](#) of this schedule for details of sampling and on-site testing accredited for each site

<p>WASTEWATER: Untreated Sewage Treated Sewage Effluent Trade Effluent</p>	<p><u>Sampling</u>  Sampling of wastewater for subsequent chemical testing</p>	<p>Spot sampling using a documented in-house method (for automatic samplers, accreditation covers either taking of samples from the container within the sampler or transfer of samples taken in manual mode to appropriate containers)</p>	<p>N, S</p>
<p>Untreated Sewage Treated Sewage Effluent Trade Effluent</p>	<p><u>On-site Testing</u> pH</p>	<p>Documented in house method S02 using HACH pH meter</p>	<p>N, S</p>
<p>WATER TREATMENT WORKS: Raw and Potable Water Sources</p>	<p><u>Sampling for the purpose of enforcement of the Water Quality (Scotland) Regulations 2014 (SI 364).</u></p>	<p>Methodology meeting the requirements of the Drinking Water Testing Specification</p>	
<p>Raw and Potable Water Sources</p>	<p><u>Sampling</u>  Sampling of water for subsequent chemical, microbiological and (cryptosporidium testing on potable water only)</p>	<p>Documented In-House Method Water Quality Sampling Manual</p>	<p>N, S</p>
<p>RESERVOIRS: Sampling taps</p>	<p><u>On-site Testing</u> Free residual chlorine Total residual chlorine</p>	<p>Documented In-House Method S01 using HACH Colorimeters</p>	<p>N, S</p>
<p>HOUSEHOLD and INDUSTRIAL: Potable water taps BOREHOLES: Sampling taps</p>			
<p>END</p>			



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**Appendix A**  
**Sampling Office / Depot Locations**  
**North Region**

✓ denotes sampling accredited where carried out by Scottish Water Scientific Services staff

Office / Depot	Address	Waste Water		Raw and Potable Water			
		Sampling for subsequent chemistry testing	On-site pH testing	Sampling for subsequent chemistry testing	Sampling for subsequent microbiology testing	Sampling for subsequent Cryptosporidium testing (potable water only)	On-site residual chlorine testing
<b>Aberdeen Area Office</b>	Kingshill House Arnhall Business Park Westhill Aberdeen AB32 6UF			✓	✓	✓	✓
<b>Fort William Area Office</b>	Carrs Corner Lochy Bridge Fort William PH33 6TQ	✓	✓	✓	✓	✓	✓
<b>Ullapool Area Office</b>	Morefield Industrial Estate Ullapool IV26 2SR			✓	✓	✓	✓
<b>Inverness Area Office</b>	31 Henderson Drive Longman North Inverness IV1 1TR	✓	✓	✓	✓	✓	✓
<b>Dornoch Depot</b>	Shore Road Dornoch IV25 3LS			✓	✓	✓	✓
<b>Broadford Depot</b>	Old Corrie Industrial Estate Broadford Isle of Skye IV49 9AB			✓	✓	✓	✓
<b>Turriff Depot</b>	Turriff Water Treatment Works Shandscross Turriff Aberdeenshire AB53 7PL	✓	✓	✓	✓	✓	✓
<b>Dundee Depot</b>	Bullion House Mill Road Invergowrie Dundee DD2 5BB	✓	✓	✓	✓	✓	✓



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Office / Depot	Address	Waste Water		Raw and Potable Water			
		Sampling for subsequent chemistry testing	On-site pH testing	Sampling for subsequent chemistry testing	Sampling for subsequent microbiology testing	Sampling for subsequent Cryptosporidium testing (potable water only)	On-site residual chlorine testing
<b>North Region Cont'd</b>							
<b>Lerwick</b>	Duncan House Upper Sound Lerwick Shetland ZE1 0SU	✓		✓	✓	✓	✓
<b>Stornoway</b>	Stornoway Waterworks Barvas Road Newmarket Stornoway HS2 0SD	✓		✓	✓	✓	✓
<b>Orkney Area Office, Kirkwall</b>	Seafire Road Kirkwall Orkney KW15 1WL	✓		✓	✓	✓	✓
<b>Unst</b>	Unst WTW Unst Shetland			✓	✓		✓
<b>Yell</b>	Yell WTW Yell Shetland			✓	✓		✓
<b>Fetlar</b>	Fetlar WTW Fetlar Shetland			✓	✓		✓
<b>Whalsay</b>	Whalsay WTW Whalsay Shetland			✓	✓		✓
<b>Fair Isle</b>	Fair Isle WTW Fair Isle Shetland			✓	✓		✓
<b>Skerries</b>	Skerries WTW Skerries Shetland			✓	✓		✓
<b>North Ronaldsay</b>	North Ronaldsay WTW Anchum			✓	✓		✓





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Office / Depot	Address	Waste Water		Raw and Potable Water			
		Sampling for subsequent chemistry testing	On-site pH testing	Sampling for subsequent chemistry testing	Sampling for subsequent microbiology testing	Sampling for subsequent Cryptosporidium testing (potable water only)	On-site residual chlorine testing
	North Ronaldsay Orkney						
<b>Westray</b>	Westray WTW Westray Orkney KW17 2BZ			✓	✓		✓
<b>Sanday</b>	Sanday WTW Sanday Orkney KW17 2BA			✓	✓		✓
<b>Eday</b>	Eday WTW Eday Orkney KW17 2AA			✓	✓		✓
<b>Stronsay</b>	Stronsay WTW Stronsay Orkney KW17 2AR			✓	✓		✓
<b>Rousay</b>	Rousay WTW Rousay Orkney			✓	✓		✓
<b>Halkirk</b>	Calder WTW Halkirk KW12			✓	✓	✓	✓
<b>Elgin Office</b>	Moycroft Road Elgin IV30 1XE			✓	✓	✓	✓
<b>Shapinsay</b>	Shapinsay WTW Shapinsay Orkney			✓	✓		✓
<b>North Hoy</b>	North Hoy WTW Heldale Orkney KW16 3NJ			✓	✓		✓



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Office / Depot	Address	Waste Water		Raw and Potable Water			
		Sampling for subsequent chemistry testing	On-site pH testing	Sampling for subsequent chemistry testing	Sampling for subsequent microbiology testing	Sampling for subsequent Cryptosporidium testing (potable water only)	On-site residual chlorine testing
South Hoy	South Hoy WTW South Hoy Orkney			✓	✓		✓
Papa Stour	Papa Stour WTW Papa Stour Shetland			✓	✓		✓
Flotta	Flotta WTW Flotta Orkney			✓	✓		✓
Benbecula Office and Depot	Market Stance Western Isles HS7 5LT	✓		✓	✓	✓	✓
<b>South Region</b>							
Edinburgh	Juniper House Heriot Watt Research Park Avenue North Edinburgh EH14 4AP	✓	✓	✓	✓	✓	✓
Galafoot Office	Winston Road Galashiels Selkirkshire TD1 3HH	✓	✓	✓	✓	✓	✓
Stirling	Forth House Munro Road Springkerse Stirling FK7 7XC	✓	✓	✓	✓	✓	✓
Glasgow Sampling Depot	Buchanan Gate Business Park Cumbernauld Road Stepps G33 6FB	✓	✓	✓	✓	✓	✓
Region Office, Dumfries	Marchmont House Dumfries DG1 1PW	✓	✓	✓	✓	✓	✓



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Office / Depot	Address	Waste Water		Raw and Potable Water			
		Sampling for subsequent chemistry testing	On-site pH testing	Sampling for subsequent chemistry testing	Sampling for subsequent microbiology testing	Sampling for subsequent Cryptosporidium testing (potable water only)	On-site residual chlorine testing
<b>Ardrishaig</b>	Ardrishaig WTW Glengilp Road Ardrishaig by Lockgilphead Argyll PA30 8HF			✓	✓	✓	✓

**South Regions Cont'd**

<b>Oban</b>	Tullich Soroba Oban Argyll PA34 4SB			✓	✓	✓	✓
<b>Isle of Islay – Port Ellen</b>	Torra WTW High Road Port Ellen Isle of Islay Argyll			✓	✓		✓
<b>Isle of Islay – Port Charlotte</b>	Port Charlotte WTW Octomore Farm Port Charlotte Isle of Islay Argyll PA48 7TW			✓	✓		✓
<b>Isle of Jura</b>	Craighouse WTW Craighouse Road Craighouse Isle of Jura Argyll PA60 7XG			✓	✓		✓
<b>Isle of Coll</b>	Coll WTW Shore Road Arinagour Isle of Coll Argyll PA78 6SY			✓	✓		✓
<b>Isle of Colonsay</b>	Colonsay WTW Off A847 Kiloran Isle of Colonsay			✓	✓		✓



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		Sampling for subsequent chemistry testing	On-site pH testing	Sampling for subsequent chemistry testing	Sampling for subsequent microbiology testing	Sampling for subsequent Cryptosporidium testing (potable water only)	On-site residual chlorine testing
	Argyll						
<b>Isle of Tiree</b>	Tiree WTW Balephil Isle of Tiree Argyll PA77 6TN			✓	✓		✓
<b>Isle of Gigha</b>	Gigha WTW Ardailly Isle of Gigha Argyll PA41 7AA			✓	✓		✓