# Schedule of Accreditation

**issued by**

# United Kingdom Accreditation Service

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

| | | |
|---|---|---|
| UKAS TESTING<br>**0677**<br>**Accredited to ISO/IEC 17025:2017** | **Thames Water Utilities Ltd**<br>**Issue No:** 077 **Issue date:** 23 September 2026 | |
| | **The Water Quality Centre**<br>**Spencer House Laboratory**<br>**Manor Farm Road**<br>**Reading**<br>**Berkshire**<br>**RG2 0JN** | **Contact: Janet Bowman**<br>**E-Mail: Janet.Bowman@thameswater.co.uk**<br>**Website: www.thameswater.co.uk** |

**Testing performed by the Organisation at the locations specified**

**Locations covered by the organisation and their relevant activities**

**Laboratory locations:**

| Location details | Activity | Location code |
|---|---|---|
| **Address**<br>The Water Quality Centre<br>Spencer House Laboratory<br>Manor Farm Road<br>Reading<br>Berkshire<br>RG2 0JN<br><br>**Local contact**<br>Janet Bowman<br>E-Mail: Janet.Bowman@thameswater.co.uk<br>Website: www.thameswater.co.uk | **Testing:**<br>Chemical and microbiological | A |

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

| Location details | Activity | Location code |
|---|---|---|
| **Deephams Depot** (Satellite site Wicklane) Picketts Lock Lane<br>London<br>Middlesex<br>N9 0BA | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br><br>**Testing:**<br>Chemical<br>Physical | Site Waste |

| Location details | Activity | Location code |
|---|---|---|
| **Earlswood Depot**<br>Woodhatch Road<br>Redhill<br>Surrey<br>RH2 7QH | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br><br>**Testing:**<br>Chemical<br>Physical | Site Waste |
| **Hockford Depot**<br>Hockford Close<br>Woking<br>Surrey<br>GU24 0DE | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br><br>**Testing:**<br>Chemical<br>Physical | Site Waste |
| **Little Marlow Depot**<br>Muschalik Road off A4155<br>Little Marlow<br>Buckinghamshire<br>SL7 3SB | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br><br>**Testing:**<br>Chemical<br>Physical | Site Waste |
| **Rye Meads Depot**<br>Rye Road<br>Ware<br>Hertfordshire<br>SG12 8JY | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br><br>**Testing:**<br>Chemical<br>Physical | Site Waste |
| **Swindon Depot**<br>Barnfield Road<br>Swindon<br>Wiltshire<br>SN2 2DJ | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br><br>**Testing:**<br>Chemical<br>Physical | Site Waste |
| **Marlow Depot**<br>Marlow Bungalow<br>Chalkpit Lane<br>Marlow<br>SL7 2PN | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br><br>**Testing:**<br>Chemical<br>Physical | Site Clean |

0677

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ISO/IEC 17025:2017

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## United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

## Thames Water Utilities Ltd

**Issue No:** 077 **Issue date:** 23 September 2026

**Testing performed by the Organisation at the locations specified**

| Location details | Activity | Location code |
|---|---|---|
| **Crossness Depot**<br>Admin Block<br>Belvedere Road<br>Abbey Wood<br>London<br>SE2 9AQ | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br>**Testing:**<br>Chemical<br>Physical | Site Clean |
| **Farmoor Depot**<br>Cumnor Road<br>Farmoor<br>OX2 9NS | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br>**Testing:**<br>Chemical<br>Physical | Site Clean |
| **Shalford Depot**<br>The Street<br>Shalford<br>GU4 8BW | **Sampling:**<br>Sampling of water for subsequent chemical and microbiological testing<br>**Testing:**<br>Chemical<br>Physical | Site Clean |
| **Fobney Area Office**<br>Rose Kiln Lane<br>Reading<br>RG2 0HP | **Sampling**:<br>Sampling of water for subsequent chemical and microbiological testing<br>**Testing**:<br>Chemical<br>Physical | Site Clean |
| **Latton Depot**<br>Cirencester Road<br>Nr Down Ampney<br>Gloucester<br>GL7 5QF | **Sampling**:<br>Sampling of water for subsequent chemical and microbiological testing<br>**Testing**:<br>Chemical<br>Physical | Site Clean |
| **Walton Depot**<br>Hurst Road<br>Walton-on-Thames<br>Surrey<br>KT12 2EG | **Sampling**:<br>Sampling of water for subsequent chemical and microbiological testing<br>**Testing**:<br>Chemical<br>Physical | Site Clean |
| **Woodford Depot**<br>902 Forest Road<br>Walthamstow<br>E17 4AE | **Sampling**:<br>Sampling of water for subsequent chemical and microbiological testing<br>**Testing**:<br>Chemical<br>Physical | Site Clean |

**Note: Accreditation to MCERTS/DWTS automatically confers an equivalent accreditation to ISO/IEC17025**.

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS | **The laboratory holds a flexible scope of accreditation for inorganic and organic test methods to incorporate additional determinands or matrices to existing accredited methods and to self-authorise the use of replacement equipment/instruments using the same analytical technology**<br><br>**Please contact the laboratory for details of the individual determinands and matrices that can be analysed.** | **Meeting the requirements of The Drinking Water Testing Specification (DWTS) and the MCERTS Performance Standard for Organisations Undertaking Sampling and Chemical Testing of Water - Part 1 - Sampling and chemical testing of untreated sewage, treated sewage effluents and trade effluents as applicable** | |
| **Drinking Water and Associated Raw Waters (DWTS)** | | | |
| WATERS | <u>Chemical and Physical Tests</u> | | |
| Raw and drinking waters | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | Documented In-House Procedures 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 where appropriate. Any additional or alternative reference is also identified. | |
| Raw and drinking waters | Ammoniacal Nitrogen Ammonium (by calculation) | LP/R/528 Part 1 ISBN 011 751 613 9, (Method F) 1981 by Automated colorimetry | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| Raw and drinking waters | Chloride | LP/R/528 Part 1 ISBN 011 751 626 0, 1981 by automated colorimetry | A |
| Raw and drinking waters | Phosphate: Soluble Reactive | LP/R/528 Part 1 ISBN 011 752377 0, 1992 by automated colorimetry | A |
| Raw (surface and groundwater), drinking water and saline water | Total Dissolved Solids | LP/R/026 by gravimetry | A |
| Raw and drinking waters | Oxidised Nitrogen | LP/R/528 Part 1 ISBN 011 751 593 0, 1981 by automated colorimetry | A |
| Raw and drinking waters | Sulphate | LP/R/528 Part 1 ISBN 011 752240 6, 1988 By automated colorimetry | A |
| Raw (surface and groundwater) | %UV Transmission at 254nm | LP/R/157 by spectrometry | A |
| Raw (surface and Groundwater) | Total Suspended Solids | LP/R/173 by gravimetry | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| Raw and drinking waters | Metals:<br><br>Antimony<br>Arsenic<br>Cadmium<br>Cobalt<br>Copper<br>Lead<br>Mercury<br>Nickel<br>Selenium<br>Silver<br>Tin<br>Titanium<br>Vanadium<br>Zinc | LP/R/615 using ICP-MS using either Nexion or Thermo RQ1 | A |
| | Metals:<br>Aluminium<br>Barium<br>Beryllium<br>Boron<br>Calcium<br>Chromium<br>Copper<br>Iron<br>Magnesium<br>Manganese<br>Molybdenum<br>Potassium<br>Sodium<br>Strontium<br>Zinc | LP/R/616 using ICP-OES only | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| Surface, Groundwater & Drinking Water | Anions:<br>Bromate<br>Bromide<br>Chlorate<br>Fluoride | LP/R/613 by ion chromatography | A |
| Raw and drinking waters | Polycyclic Aromatic Hydrocarbons (PAHs):<br>Fluoranthene<br>Benzo(b)fluoranthene<br>Benzo(k)fluoranthene<br>Benzo(a)pyrene<br>Benzo(ghi)perylene<br>Indeno(1,2,3,cd)pyrene | LP/R/409<br>ISBN 011 752 032 2, 1985<br>by HPLC-fluorescence | A |
| Raw and Drinking Waters | Trihalomethanes and Chlorinated Solvents:<br>Benzene<br>Bromoform<br>Bromodichloromethane<br>Carbon tetrachloride<br>Chloroform<br>Dibromochloromethane<br>ethylbenzene<br>Tetrachloroethene<br>Toluene<br>1,1,1-trichloroethane<br>1,2 dichloroethane<br>Trichloroethene<br>o-xylene<br>m/p xylene | LP/R/496<br>ISBN 011 752 004 7, 1984<br>by Headspace GC-MS | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| Raw and Drinking Waters | Dissolved Hydrocarbons<br>Benzene<br>Heptane<br>Toluene<br>Octane<br>Ethyl Benzene<br>Cumene<br>Decane<br>Naphthalene<br>Tetradecane<br>Phenanthrene | LP/R/485<br>by liquid/liquid extraction GCMS | A |
| | Metaldehyde | LP/R/607 by on-line enrichment LC-MS-MS | A |
| | Alkalinity | LP/R/528 Part 1<br>ISBN 011 751 601 5, 1981<br>by automated colorimetry | A |
| | Colour | LP/R/14<br>ISBN 011 751 955 3, (Part A), 1981 by manual colourimetry | A |
| Raw and Drinking Waters | Anions:<br>Bromate<br>Fluoride<br>Bromide<br>Chlorate | LP/R/763 by IC | A |
| Raw Surface Water and Drinking Water | 2-Ethyl-4-Methyl-1,3-Dioxolane (2-EMD)<br>2-Ethyl-5,5-dimethyl-1,3-Dioxane (2-EDD) | LP/R/775 by Liquid-liquid extraction GC-QQQ | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| Raw and Drinking Waters | Conductivity | LP/R/13 (Manual) ISBN 011 751 428 4, 1978 by manual conductivity meter | A |
| | Cyanide: Total | LP/R/294 by Skalar autoanalyser | A |
| | Hardness: Total | LP/R/528 Part 1by automated colorimetry | A |
| | Nitrate | By Calculation from LP/R/528 Part 1 | A |
| | Nitrite | LP/R/528 Part 1 ISBN 011 751 593 0, 1981 by automated colorimetry | A |
| | Silica: Soluble Reactive | LP/R/528 Part 1 ISBN 011 751 557 4, 1980 by automated colorimetry | A |
| | Turbidity | LP/R/15 (Manual) by turbidity meter | A |
| | Organic Carbon: Total | LP/R/758 ISBN 011 751 458 6, 1979 by TOC analyser (chemical oxidation) | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| Raw and Drinking Waters | Ammonia<br>Nitrite<br>TON<br>Chloride<br>Sulphate<br>Total Hardness<br>Silica<br>Phosphate<br>Alkalinity<br>Nitrate (by calculation) | LP/R/756 by Autoanalyzer | A |
| Drinking waters | Odour | LP/R/113 based on SCA "The determination of taste and Odour in drinking waters (2014) Using assessed panel | A |
| | Taste | LP/R/113 based on SCA "The determination of taste and Odour in drinking waters (2014) Using assessed panel | A |
| Drinking Water, Surface & Groundwater | Colour<br>Conductivity<br>pH<br>Turbidity | LP/R610 (Automated) Colorimetry (ISBN 011 751 9553) Conductivity meter (ISBN 011 751 4284) pH meter (ISBN 011 751 4284) Turbidimeter (ISBN 011 751 9553) | A |
| Drinking Water, Surface & Groundwater | Radiochemical Tests<br>Gross $\alpha$ relative to $^{241}Am$<br>Gross $\beta$ relative to $^{40}K$ | LP/R/422<br>ISO 9696 & ISO 9697<br>thick source method | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| Raw (surface and groundwater) and Drinking Water | Neutral Herbicides:<br>Carbendazim<br>Carbetamide<br>Monuron<br>Simazine<br>Chlortoluron<br>Diuron<br>Atrazine<br>Isoproturon<br>Metazachlor<br>Linuron<br>Propyzamide<br>Flufenacet<br>Quinmerac | LP/R/586 by LC-MS-MS | A |
| | Glyphosate | LP/R/595 by LC-MS-MS | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| Drinking Water and Surface Water | 2-Ethyl-4-Methyl-1,3-Dioxolan (2-EMD)<br>2-Ethyl-5,5-dimethyl-1,3-Dioxane (2-EDD) | LP/R/596 by GCMS | A |
| Raw (Surface and Groundwater) & Drinking Water | Acid Herbicides:<br>Clopyralid<br>Picloram<br>Dicamba<br>Fluroxypyr<br>Bentazone<br>Bromoxynil<br>2,4-D<br>2,4-DB<br>Triclopyr<br>Dichlorprop<br>Pentachlorophenol<br>MCPA<br>MCPP (Mecoprop) | LP/R/594 by SPE followed by LC-MSMS | A |
| Raw (Surface and Groundwater) & Drinking Water | PFBA<br>PFPeA<br>PFHxA<br>PFHpA<br>PFOA<br>PFNA<br>PFDA<br>PFUnA<br>PFDoA<br>PFTrDA<br>PFTDA<br>PFHxDA<br>PFODA<br>PFBS<br>PFPeS<br>PFHxS<br>PFHpS | LP/R/761 by SPE followed by LC-MSMS | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | <u>Chemical and Physical Tests</u> (Cont'd) | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| | PFOS<br>PFNS<br>PFDS<br>PFUnDS<br>PFDoS<br>HFPO-DA<br>HFPO-TA<br>ADONA<br>PFMOPrA<br>NFDHA<br>PFMOBA<br>PFecHS<br>3:3 FTCA<br>5:3 FTCA<br>7:3 FTCA<br>PFEESA<br>9Cl-PF3ONS<br>11Cl-PF3OUdS<br>4:2 FTSA<br>6:2 FTSA<br>8:2 FTSA<br>FBSA<br>FHxSA<br>FOSA (PFOSA)<br>MeFOSA<br>EtFOSA<br>MeFOSE<br>EtFOSE<br>MeFOSAA<br>EtFOSAA<br>6:2 FTAB | LP/R/761 by SPE followed by LC-MSMS (Cont'd) | |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WATERS (Cont'd) | Microbiological Tests | Testing for the purpose of enforcement of the Water Supply (water quality) Regulations 2016 [SI 614] as amended. The testing is in accordance with the Drinking Water Testing Specification (DWTS). | |
| Raw & Drinking Waters | Coliforms (confirmed) and *E coli* (confirmed) | LP/R/316 using colilert based on MODW 2016 Part 4 | A |
| | Heterotrophic Plate Count (22 °C and 37 °C) | LP/R/133 by pour plate based on MODW 2020 Part 7 | A |
| | *Enterococcus spp* (presumptive) | LP/R/66 by membrane filtration based on MODW 2012 Part 5 | A |
| | *Enterococcus spp* (Confirmed) | Confirmation by LP/R/757 by in house method using MALDI-TOF from S&B and Blood Agars | A |
| | Clostridium Perfringens (presumptive and confirmed) | LP/R/354 by membrane filtration based on MODW 2021 Part 6 | A |
| Bacterial isolates from the testing of Drinking water using methods LP/R/316and LP/R/277 | Identification of Coliforms, *E coli* | LP/R/757 by in house method using MALDI-TOF | A |
| Drinking Water | Enumeration of Cryptosporidium oocysts | LP/R/453 using FiltaMax based On MODW 2010 Part 14 | A |
| Surface, Ground, Drinking, Saline & Process Waters | Enumeration of Cryptosporidium oocysts | LP/R/445 by chemical Flocculation based on MODW 2010 Part 14 | A |
| Swabs | Presence/absence of E.coli and Coliforms | LP/R/277 using Colilert-18 reagent based on MODW 2016 Part 4 | A |
| Surface, Ground & Process Waters | Enumeration of E. coli and Coliforms | LP/R/316 using the Quantitray 2000 MPN method based on MODW 2016 Part 4 | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| **Wastewaters – ISO/IEC17025 only** | | | |
| WASTEWATERS | Chemical and Physical Tests | | |
| Untreated and treated domestic wastewaters | Ammoniacal Nitrogen Ammonium (by calculation) | LP/R/528 Part 2 ISBN 011 751 613 9, (Method F) 1981 by automated colorimetry | A |
| | Chloride | LP/R/528 Part 2 ISBN 011 751 626 0, 1981 by automated colorimetry | A |
| | Phosphate: Soluble Reactive | LP/R/528 Part 2 ISBN 011 751 582 5, 1980 by automated colorimetry | |
| | Oxidised Nitrogen | LP/R/528 Part 2 ISBN 011 751 593 0, 1981 by automated colorimetry | A |
| Untreated and treated domestic & industrial wastewaters | Solids: Suspended | LP/R/173 by gravimetry | A |
| | Chemical Oxygen Demand | LP/R/381(C) ISBN 011 751 915.4 (Method B) 1986 | A |
| | Sulphate | LP/R/528 Part 2 ISBN 011 751 492 6, 1979 by automated colorimetry | A |
| Crude Sewage | Biological Oxygen Demand | LP/R/587 by robotic dissolved Oxygen meter | A |
| Crude Sewage, Treated Sewage effluent and Trade Effluent to controlled water | pH | LP/R/12 by automated robot or manual pH probe | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WASTEWATERS (Cont'd) | <u>Chemical and Physical Tests</u> (Cont'd) | | |
| Untreated and treated domestic & industrial wastewaters | Antimony | LP/R/615 by ICP/MS by Nexion only | A |
| | Arsenic<br>Cadmium<br>Cobalt<br>Lead<br>Mercury<br>Nickel<br>Selenium<br>Thallium<br>Titanium | | |
| | Vanadium | | |
| | Beryllium<br>Boron<br>Cadmium<br>Chromium<br>Cobalt<br>Copper<br>Lead<br>Manganese<br>Molybdenum<br>Nickel<br>Phosphorus<br>Silver<br>Tin<br>Vanadium<br>Zinc | LP/R/616 by ICP/OES | A |
| Treated Sewage, Industrial Wastewaters | Aluminium<br>Iron | LP/R/616 by ICP/OES | A |
| Treated and Untreated Sewage Effluent | Barium<br>Calcium<br>Magnesium<br>Potassium<br>Strontium | LP/R/616 by ICP/OES | A |
| Untreated & Treated Sewage Effluent | Silver | LP/R/615 by ICP/MS by Nexion only | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WASTEWATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | | |
| Treated Sewage Effluent | Sodium | LP/R/616 by ICP/OES | A |
| Industrial wastewaters | Free Cyanide<br>Phenol | LP/R/562 by continuous flow analysis | A |
| | Settleable solids<br>Rapidly settleable solids | LP/R/176 by gravimetry | A |
| | Ammonia<br>Sulphate<br>Chloride | LP/R/528 Part 2 by automated discrete analyser | A<br><br>A |
| | Sulphide | LP/R/114 by visible spectrometry | |
| | Oils and Greases | LP/R/295<br>ISBN 011 752 076 4, 1987<br>by soxhlet extraction and gravimetry | A |
| Treated sewage effluent and trade effluent | 2-Ethyl-4-Methyl-1,3-Dioxolane (2-EMD)<br>2-Ethyl-5,5-dimethyl-1,3-Dioxane (2-EDD) | LP/R/596 by GCMS | A |
| Trade Effluent | Antimony<br>Arsenic<br>Cadmium<br>Cobalt<br>Lead<br>Mercury<br>Nickel<br>Selenium<br>Thallium<br>Titanium<br>Vanadium | LP/R/615 by ICP/MS by Thermo RQ1 only | A |
| Treated sewage effluent and trade effluent | 2-Ethyl-4-Methyl-1,3-Dioxolane (2-EMD) & 2-Ethyl-5,5-dimethyl-1,3- Dioxane (2-EDD) | LP/R/775 by Liquid liquid extraction GC-QQQ | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| | | | |
| **Wastewaters – ISO/IEC17025 and MCERTS Waters** | | | |
| WASTEWATERS | Chemical and Physical Tests | Documented In-House Method to meet the requirements of the Environment Agency MCERTS Performance Standard - sampling and chemical testing of untreated sewage, sewage effluent and trade effluent | |
| Treated sewage effluent and trade effluent to controlled waters | Suspended Solids | LP/R/173 by gravimetry | A |
| | Biochemical Oxygen Demand | LP/R/587 by robotic dissolved oxygen meter | A |
| | Biochemical Oxygen Demand | LP/R/773 by robotic dissolved oxygen meter | A |
| Treated sewage effluent | Ammoniacal Nitrogen | LP/R/528 Part 2 by discrete analyser | A |
| | Metals:<br>Cadmium<br>Lead<br>Nickel (and Dissolved) | LP/R/579 by ICP-MS | A |
| | Metals: Total<br>Aluminium (and Dissolved\|)<br>Iron (and Dissolved)<br>Boron<br>Chromium<br>Copper (and Dissolved)<br>Phosphorus<br>Zinc (and Dissolved) | LP/R/579 by ICP-OES | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WASTEWATERS (Cont'd) | Chemical and Physical Tests (Cont'd) | Documented In-House Method to meet the requirements of the Environment Agency MCERTS Performance Standard - sampling and chemical testing of untreated sewage, sewage effluent and trade effluent | |
| Trade effluent to controlled waters | Aluminium (Total & Dissolved)<br>Iron (Total & Dissolved) | LP/R/579 by ICP-OES | A |
| Treated sewage effluent | pH | LP/R/12<br>by manual pH probe | A |
| Treated sewage effluent | Alpha HCH<br>Beta HCH<br>Gamma HCH<br>Delta HCH | LP/R/583 by liq/liq extraction<br>And GCMS | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| **Soils & Sludges ISO/IEC17025 only** | | | |
| SOILS & SLUDGES | <u>Chemical and Physical Tests</u> | Documented In-House Procedures | |
| Sludges | % Dry Matter<br>% Volatile Matter | LP/R/567 by LECO thermogravimetric analyser | A |
| Soil & Sludge | pH | LP/R/576 by pH probe | |
| | pH | LP/R/767 by automated pH probe | A |
| | Metals:<br>Arsenic<br>Cadmium<br>Chromium<br>Copper<br>Lead<br>Mercury<br>Molybdenum<br>Nickel<br>Selenium<br>Zinc | LP/R/578 by ICPMS | A |
| | Boron<br>Calcium<br>Cobalt<br>Iron<br>Magnesium<br>Manganese<br>Phosphorous<br>Potassium<br>Vanadium | LP/R/578 by ICPOES | A |
| Sludges | Antimony<br>Thallium | LP/R/578 by ICPMS | |
| | <u>Microbiological Tests</u> | | |
| Sewage Sludge & Biosolids | *E. coli* (confirmed) | LP/R/372 based on Microbiology of Sewage Sludge 2024 Part 3 | A |
| | Salmonella (presumptive) | LP/R/720 based on Microbiology of Sewage Sludge 2004 Part 4 | A |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| SOILS & SLUDGES (Cont'd) | <u>Microbiological Tests (Cont'd)</u> | Documented In-House Procedures | |
| Sewage Sludge & Biosolids | Salmonella (Confirmed) | LP/R/757 by in house method using MALDI-TOF from XLD and MacConkey Agar | A |
| POTABLE AND RAW WATERS | <u>Sampling for Chemical and Microbiological Testing of Water</u> | | |
| | For the purpose of enforcement of The Water Supply (Water Quality) Regulations 2016 (SI 614) as amended | Where applicable the methodology meeting the requirements of The Drinking Water Testing Specification (DWTS) | |
| WATER TREATMENT WORKS:<br>Raw and potable water sources<br><br>RESERVOIRS:<br>Sampling taps<br><br>HOUSEHOLD AND INDUSTRIAL:<br>Potable water taps<br>Swab sampling | Sampling for subsequent microbiological and chemical testing (including Cryptosporidium) at an ISO/IEC 17025 and DWTS Accredited Laboratory | Documented In-House Sampling Procedures Manual, SPMC Sections 7, 8 and 9. | Site Clean |
| | <u>Chemical Tests at Site</u> | | |
| | Total Residual chlorine | Documented In-House Sampling Procedures Manual, SPMC Sections 7, 8 and 9 | Site Clean |
| | <u>Physical Tests at Site</u> | | |
| | Determination of Temperature of Water Samples | Documented In-House Sampling Procedures Manual, SPMC Sections 7, 8 and 9 | Site Clean |

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WASTEWATERS: | Sampling and subsequent chemical/physical testing | Documented In-House Method to meet the requirements of the Environment Agency MCERTS Performance Standard - sampling and chemical testing of untreated sewage, sewage effluent and trade effluent | |
| | <u>Physical Tests at Site</u> | | |
| Treated sewage effluent | On-site measurement of: Temperature | Documented in-house Sampling Procedures Manual SPMW Section 8 | Site Waste |
| | <u>Chemical Tests at Site</u> | | |
| Trade Effluents to Controlled Waters | On-site measurement of: Dissolved Oxygen | Documented in-house Sampling Procedures Manual SPMW using Dissolved Oxygen Probe Section 8 | Site Waste |
| Trade Effluents to Controlled Waters | On-site measurement of: Total Chlorine | Documented in-house Sampling Procedures Manual SPMW using Chlorometer Section 8 | Site Waste |
| WASTEWATERS: | Sampling for subsequent chemical testing at an ISO/IEC 17025 and MCERTS (water) performance standard accredited laboratory | | |
| Treated sewage effluent | Sampling for Chemical Testing | Sampling Procedures Manual SPMW manual spot sampling & automated sampling equipment Section 8 | Site Waste |

0677

**Accredited to ISO/IEC 17025:2017**

# Schedule of Accreditation

**issued by**

## United Kingdom Accreditation Service

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

## Thames Water Utilities Ltd

**Issue No:** 077 **Issue date:** 23 September 2026

**Testing performed by the Organisation at the locations specified**

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|---|---|
| WASTEWATERS: | Sampling for subsequent chemical testing at an ISO/IEC 17025 accredited laboratory | Documented In-House Method to meet the requirements of ISO 17025 and the requirements of the Urban Waste Water Treatment (England and Wales) Regulations 1994 | |
| Treated sewage effluent<br>Untreated (crude) sewage | Sampling for Chemical Testing | Sampling Procedures Manual SPMW composite sampling using automated sampling equipment Section 8 | Site Waste |
| END | | | |