Bristol Water Annual Contestability Summary 2022

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The table below is the Bristol Water Annual summary of contestable works permitted for 2022. This table is to be read in conjunction with the Bristol Water Design and Construction Specification.

	Work categories by number of properties potentially affected by work or strategic nature of Existing Main			
Works	<49	50-199	200-499	500+/Strategic main
Selection of a proposed POC to serve a Site/Development from records of Existing Mains				
Construction of new mains and service connections				
Construction of new mains as part of reinforcement of Network extension or associated Site diversion work				
Design of new water network				
Chlorination and pressure testing of Self-lay Works				
Meter installation in conjunction with new service connections				
Undertaking Water Quality samples				
Analysing Water Quality samples (subject to paragraph 17.3)				
Construction of routine mains connections (CRMC) connections				
Main and/or service connection: **up to 63mm** PE/Barrier pipe to: Parent Network: <12" nominal bore* DI/CI/SI/PE/AC/ Barrier pipe/ steel Permanent Connections (Piece through).				
Connection: **63mm to 300mm** PE / Barrier Pipe to: Parent Network: <12" nominal bore * CI/SI/DI/AC/PE/Barrier pipe/steel Operational pressure: up to 50m				
Connections: **63mm to 300mm** PE / Barrier pipe to: Parent Network: 12" nominal bore * to 18" nominal bore * / 300mm to 450mm nominal bore				

* DI/ CI/ SI/ AC/ PE/ Barrier pipe/Steel Operational pressure: 50m to 75m				
Connections: **over 300mm** to: Parent Network: 18" nominal bore * & above, or high risk parent Network: material (such as steel) Operational pressure: above 75m				
Valve operation in relation to commissioning new Self-Lay Works				
Self-certification of SLP for Site water distribution systems designs				
Any size connection to GRP / PVC Network				
Design of Network Reinforcement (upsizing of existing assets) and/or design of Network diversion(s).				
Pipe sizing criteria, and the approval of design by others				
Assessment of network risk, & operating live network				
Commission telemetry links (meters / field equipment)				
Connection, commissioning and/or decommissioning of diverted Network				

* Notes:

1 All references to PE are to all Polyethylene pipe materials
2 PE pipe sizes are identified by outside (OD) diameter and other pipe materials and sizes refer to internal (nominal bore) diameters
3 Strategic main defined by reference to potential impact of work on key customer such as a hospital
4 See further paragraph 11.7 of the DCS

Activities shaded green in the ACS

All activities shaded green in the above table are capable of being performed by SLPs.

These green-shaded activities will apply where the SLP has the relevant WIRS or other accreditation (see section 7 of the WSG). Where further activities are accredited by WIRS, such activities shall be marked as green in the above table once approved by the Codes Panel.

Bristol Water will set out the procedures it has in place relating to connections to the Existing Main and the forms supporting this. These will be published on Bristol Water's website.

Changes will be brought about by the procedures set out in the Water Sector Guidance Section 11 – Governance.

References to the Final Connection of the Self-Laid Main to the Existing Main on the Network are;

a) of an under-pressure type connection and/or,
b) a connection to a previously installed temporary valve-controlled washout installed in conjunction with the connection to the Existing Mains Network at the POC to supply the Site or Development, and/or
c) a connection to a previously installed valve-controlled washout, which has been installed on a Self-Laid Main for a future connection off such main.

Where references to the Final Connection of the Self-Laid Main to the Existing Main on the Network require a section to be isolated by a shut (to enable it to be cut-out to install a connection point), and/or if a new branch tee is required to be cut into a Self-Laid Main and the relevant assets are subsequently adopted by Bristol Water (and therefore forms part of the Network), then such connections are excluded from activities shaded green.

Activities shaded amber in the ACS

The activities shaded amber shall be capable of being performed by an SLP in the area of Bristol Water where the SLP complies with the requirements set out below. Such publication shall include information about control measures required to allow the work to be performed. The following paragraphs set out how publication of such information is to be approached.

Bristol Water may require additional evidence of competence to carry out activity and/or require the SLP to follow an operational process equivalent to one that Bristol Water's term contractor would be required to follow.

Bristol Water's requirements will relate to the specific Site and will take account of the type of connection involved; the location of the connection; the strategic importance of the main Network to be connected to; the potential impact on end user customers; risk to water quality and regulatory impact/consideration; and the resources the SLP proposes to use.

Bristol Water will set out the information it needs from the SLP regarding its Accreditation and how its general and specific operations, resources, and procedures will protect the company from any risk of interruption of supply to its end-user customers and/or to water quality. These requirements will be equivalent to those that Bristol Water's term contractor would be required to follow.

The SLP will need to demonstrate its competence or relevant experience to undertake this activity. This may be demonstrated where Bristol Water has previously observed relevant Self-lay Works having been carried out by the SLP or by the SLP providing details of similar work that it has carried out to a satisfactory standard for other Water Companies.

Bristol Water requirements relative to valve operation in relation to commissioning of Self-Lay Works, a contestable activity, shall apply as set out in in paragraph 11.7.

Bristol Water will set out below the procedures it has in place to allow connections to the Existing Main and the forms supporting this. These are published on our website.

For an SLP or NAV to undertake valving operations in relation to commissioning new Self-lay works a completed SL-N3B:Notification of Proposed Routine Mains Connection form will need to be completed and submitted 5 working days prior to connection.
https://www.bristolwater.co.uk/wp-content/uploads/2018/07/BW-flow-diagram-self-lay-process_A4_1jt.pdf
It is required that SLP's have full SCRMC WIRS Accreditation.

For connections outside of the scope of the above to be discussed on an individual basis and ideally at initial launch meeting.

Activities shaded red in the ACS

Bristol Water have concluded that connections shaded red in table 9.3 are of such a high risk that they are unlikely to be contestable in most conceivable circumstances.

However, if an SLP wishes to carry out this work, it shall contact Bristol Water directly to determine whether conditions can be agreed that enable the SLP to carry out the requested activity.