

Water mains requisition charges

**Additional information for laying new
water mains in protective pipework**

1 April 2019 to 31 March 2020

About this document

This document displays the charges for laying new water mains (requisitions) in protective pipework (otherwise known as barrier pipe).

We have a standard and simplified 'per plot' charging approach for frequent polyethylene (PE) schemes which covers the greater majority of our mains work. Our protective pipework schemes are considered non-standard and are quoted in a bespoke way as described within our [2019/2020 Charging Arrangement Document](#) in pages 34 to 37. Bespoke protective pipework charges are based on a granular menu of rates and we're publishing these rates in response to customer feedback which asked for further information on protective pipework.

The charges within this document simply show the component charges that we use when quoting in a bespoke manner for protective pipework mains schemes and do not signify any change to our charging approach for the 2019/2020 charging year.

Within this document we've published the central charges which contribute to the total cost of laying a whole new main scheme in protective pipework or contribute to the cost of making a connection between a new main and an existing main (otherwise known as a 'source of water' connection).

The charges are broken down into the key component parts of the total quote:

- Pipework charges; the charges for the lengths of protective mains pipework.
- Physical connection charges; the charges for the physical under pressure connection itself. Connection charges refer to the material of the existing main that is being connected into rather than the material of the new main that has been laid. A new protective pipework main can be connected into an existing PE main or an existing protective pipework main and therefore both sets of charges have been included within this document.
- Valves, hydrants and wash outs; the charges for the fittings on the new main and connection.
- Sampling and chlorination; the charges for sampling, testing and chlorinating the new main.

Excavation requirements

Our barrier pipe charges are typically classified by the excavation requirements for laying the asset. An explanation of each requirement is shown in the table below:

Lay type	Definition
No excavation	Here the excavation, backfill and reinstatement of the trench is not completed by Severn Trent.
Excavation & lay in unmade ground	Here the excavation and the laying of the pipework is completed in a surface such as a field, grass verge, a stone driveway, etc.
Excavation & lay in the footpath	Here the excavation and the laying of the pipework is completed in the footpath
Excavation & lay in a type 3/4 carriageway	Here the excavation and the laying of the pipework is completed in type 3/4 carriageway
Excavation & lay in a type 1/2 carriageway	Here the excavation and the laying of the pipework is completed in type 1/2 carriageway

Protective pipework charges

The following charges are for the lengths of protective pipework. These charges are **per metre** and are net of value added tax (VAT).

Protective pipework 63mm up to and including 125mm diameter	Charge	Unit
No Excavation required	£55.07	Per metre
Excavation required in unmade ground	£71.42	Per metre
Excavation required in the footpath	£123.51	Per metre
Excavation required in a type 3/4 carriageway	£140.82	Per metre
Excavation required in a type 1/2 carriageway	£181.49	Per metre

Protective pipework above 125mm up to and including 180mm diameter	Charge	Unit
No Excavation required	£71.97	Per metre
Excavation required in unmade ground	£92.42	Per metre
Excavation required in the footpath	£154.75	Per metre
Excavation required in a type 3/4 carriageway	£175.67	Per metre
Excavation required in a type 1/2 carriageway	£225.42	Per metre

Protective pipework above 180mm up to and including 200mm diameter	Charge	Unit
No Excavation required	£102.89	Per metre
Excavation required in unmade ground	£127.42	Per metre
Excavation required in the footpath	£218.07	Per metre
Excavation required in a type 3/4 carriageway	£250.43	Per metre
Excavation required in a type 1/2 carriageway	£321.15	Per metre

Protective pipework above 200mm up to and including 250mm diameter	Charge	Unit
No Excavation required	£133.17	Per metre
Excavation required in unmade ground	£163.20	Per metre
Excavation required in the footpath	£256.60	Per metre
Excavation required in a type 3/4 carriageway	£292.98	Per metre
Excavation required in a type 1/2 carriageway	£351.08	Per metre

Protective pipework above 250mm up to and including 355mm diameter	Charge	Unit
No Excavation required	£179.94	Per metre
Excavation required in unmade ground	£217.13	Per metre
Excavation required in the footpath	£347.29	Per metre
Excavation required in a type 3/4 carriageway	£408.27	Per metre
Excavation required in a type 1/2 carriageway	£511.23	Per metre

Protective pipework above 355mm up to and including 450mm diameter	Charge	Unit
No Excavation required	£263.04	Per metre
Excavation required in unmade ground	£309.20	Per metre
Excavation required in the footpath	£441.42	Per metre
Excavation required in a type 3/4 carriageway	£521.36	Per metre
Excavation required in a type 1/2 carriageway	£643.33	Per metre

Charges for under pressure connections into a polyethylene (PE) main

These are the charges for an under pressure connection between a new main and an existing PE main. The charges are **per connection** and are net of value added tax (VAT).

Under pressure connection up to and including 100mm diameter	Charge	Unit
No Excavation required	£955.96	Per connection
Excavation required in unmade ground	£1,278.44	Per connection
Excavation required in the footpath	£1,630.49	Per connection
Excavation required in a type 3/4 carriageway	£2,062.56	Per connection
Excavation required in a type 1/2 carriageway	£2,150.43	Per connection

Under pressure connection above 100mm up to and including 200mm diameter	Charge	Unit
No Excavation required	£1,394.17	Per connection
Excavation required in unmade ground	£1,813.43	Per connection
Excavation required in the footpath	£2,333.77	Per connection
Excavation required in a type 3/4 carriageway	£2,722.10	Per connection
Excavation required in a type 1/2 carriageway	£2,827.55	Per connection

Under pressure connection above 200mm up to and including 300mm diameter	Charge	Unit
No Excavation required	£2,388.69	Per connection
Excavation required in unmade ground	£2,990.72	Per connection
Excavation required in the footpath	£3,544.18	Per connection
Excavation required in a type 3/4 carriageway	£4,137.40	Per connection
Excavation required in a type 1/2 carriageway	£4,292.50	Per connection

Under pressure connection above 300mm up to and including 450mm diameter	Charge	Unit
No Excavation required	£6,088.73	Per connection
Excavation required in unmade ground	£7,234.49	Per connection
Excavation required in the footpath	£8,530.89	Per connection
Excavation required in a type 3/4 carriageway	£10,626.29	Per connection
Excavation required in a type 1/2 carriageway	£10,903.87	Per connection

Charges for under pressure connections into a barrier pipe main

These are the charges for an under pressure connection between a new main and an existing protective pipework main. These charges are **per connection** and are net of value added tax (VAT).

Under pressure connection up to and including 100mm diameter	Charge	Unit
No Excavation required	£1,419.93	Per connection
Excavation required in unmade ground	£1,742.41	Per connection
Excavation required in the footpath	£2,094.46	Per connection
Excavation required in a type 3/4 carriageway	£2,526.53	Per connection
Excavation required in a type 1/2 carriageway	£2,614.40	Per connection

Under pressure connection above 100mm up to and including 200mm diameter	Charge	Unit
No Excavation required	£2,790.16	Per connection
Excavation required in unmade ground	£3,209.42	Per connection
Excavation required in the footpath	£3,729.75	Per connection
Excavation required in a type 3/4 carriageway	£4,118.08	Per connection
Excavation required in a type 1/2 carriageway	£4,223.53	Per connection

Under pressure connection above 200mm up to and including 300mm diameter	Charge	Unit
No Excavation required	£11,087.55	Per connection
Excavation required in unmade ground	£11,689.58	Per connection
Excavation required in the footpath	£12,243.04	Per connection
Excavation required in a type 3/4 carriageway	£12,836.26	Per connection
Excavation required in a type 1/2 carriageway	£12,991.36	Per connection

Under pressure connection above 300mm up to and including 450mm diameter	Charge	Unit
No Excavation required	£23,402.09	Per connection
Excavation required in unmade ground	£24,547.85	Per connection
Excavation required in the footpath	£25,844.25	Per connection
Excavation required in a type 3/4 carriageway	£27,939.65	Per connection
Excavation required in a type 1/2 carriageway	£28,217.23	Per connection

Valves, hydrants, wash outs

The following charges will apply when we need to install, replace or remove a valve, hydrant or wash out on a new main.

Charges labelled as 'no excavation required' do not include excavation and backfill but do include associated chambers. All other charges within this section include all excavation and backfill requirements for these items and include associated chambers. These charges are net of value added tax (VAT).

Valves, hydrants, wash outs up to 4" diameter	Charge per item
No Excavation required	£265.84
Excavation required in unmade ground	£371.22
Excavation required in the footpath	£454.43
Excavation required in a type 3/4 carriageway	£480.89
Excavation required in a type 1/2 carriageway	£505.53

Valves, hydrants, wash outs above 4" up to and including 6" diameter	Charge per item
No Excavation required	£435.22
Excavation required in unmade ground	£410.65
Excavation required in the footpath	£495.21
Excavation required in a type 3/4 carriageway	£525.20
Excavation required in a type 1/2 carriageway	£551.08

Valves, hydrants, wash outs above 6" up to and including 9" diameter	Charge per item
No Excavation required	£668.11
Excavation required in unmade ground	£629.58
Excavation required in the footpath	£721.41
Excavation required in a type 3/4 carriageway	£756.61
Excavation required in a type 1/2 carriageway	£783.95

Valves, hydrants, wash outs above 9" up to and including 12" diameter	Charge per item
No Excavation required	£1,299.03
Excavation required in unmade ground	£1,428.96
Excavation required in the footpath	£1,539.15
Excavation required in a type 3/4 carriageway	£1,589.56
Excavation required in a type 1/2 carriageway	£1,619.71

Valves, hydrants, wash outs above 12" up to and including 18" diameter	Charge per item
No Excavation required	£4,911.37
Excavation required in unmade ground	£5,288.04
Excavation required in the footpath	£5,577.02
Excavation required in a type 3/4 carriageway	£5,641.65
Excavation required in a type 1/2 carriageway	£7,215.97

Pressure Test & Chlorination

The following charge applies for a pressure test and chlorination. This charge is net of value added tax (VAT).

Pressure Test & Chlorination	Charge per test
Pressure Test & Chlorination	£566.26

Water sampling

As noted within the core Charging Arrangement Document when an accredited SLP carries out a water sampling and a quality test on a newly laid water main they must comply with the sampling procedures detailed in Severn Trent's full SLP design manual. Testing must be completed by a UKAS accredited laboratory.