

Developer Services Charging Arrangements 2021-22



VERSION 1.0

 **DEVELOPER**

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Introduction

This booklet contains details of Portsmouth Water’s Developer Services Charges Scheme (the Charging Arrangements) for 2021/22. These charges come into effect on 1st April 2021.

These Charging Arrangements are published under the provisions of the Water Services Regulation Authority's (Ofwat) 'Charging Rules for New Connection Services'. Ofwat's charging rules apply to water and waste connections for domestic purposes that are made by water companies operating wholly or mainly in England. In this context "Connection Services" include providing water mains, connections to individual properties and diversions of water mains that need to be moved.

A copy of the "Charging Rules for New Connection Services" is available at:

<https://www.ofwat.gov.uk/publication/charging-rules-new-connection-services-english-undertakers/>

Please note that the term 'Developer Customer' throughout this booklet refers to Developers and builders, individuals wishing to connect, or re-connect, existing or developed properties to our water network and Companies that provide infrastructure for developers e.g. New Appointments and Variations (NAV) and Self Lay Providers (SLP).

Our Charging Arrangements have considered the four overarching principles outlined by Ofwat:

1. Stable and predictable charges;
2. Transparent and customer focused charging;
3. Fairness and affordability;
4. Environmental protection.

Each principle has equal importance, and needs to be balanced between Developer Customers and other customers and promote effective competition.

We consider that these rules present an opportunity to make a step change in the approach to charging, which will promote clearer and more transparent charges for Developer Services. In turn, this will allow direct comparison of the costs for contestable activity, thereby promoting efficient competition. We are also encouraged by the opportunities that the charges present, to promote sustainability and water efficiency.

Portsmouth Water has produced its Charging Arrangements in line with the principles set out in the Ofwat guidance.

Our overall objective, in line with Ofwat guidance, is to maintain the present balance of charges between Developer Customers and other customers. Since the April 2018 implementation of the new charging arrangements, we have no evidence that our actual revenue from developers is significantly different, but will monitor this to ensure the balance of charges is maintained.

Competition

We recognise that the market for new infrastructure is open to competition. Portsmouth Water provides an equivalent service to all of our customers; Developers, New Appointments and Variations (NAV) and Self Lay Providers (SLP). These Charging Arrangements are relevant to all parties and they aim to be reasonable and fair to all.

The options for the delivery and or ownership of our water assets are as follows:

- Installation of water supply connections - the developer can select an SLP, NAV, or Portsmouth Water;
- Operation of connections assets – developers and SLP's can choose a NAV or Portsmouth Water to take over and operate networks.

The services over which there is competition are referred to as “contestable”. There are some services, such as those linked to the security of water supply that can only be provided by Portsmouth Water. These are referred to as “non-contestable services”. Non-contestable services are defined in Appendix B.

For further details about competition in the connections market please refer to:

<https://www.ofwat.gov.uk/regulated-companies/markets/connections-market>

Further guidance on the NAV market is available at:

<https://www.ofwat.gov.uk/regulated-companies/markets/nav-market/>

Details of current NAVs can be found at:

<http://www.ofwat.gov.uk/publication/register-of-new-appointments-and-variations-granted-to-date/>

Basis of Charges

Defining Infrastructure

Where we provide new connections, or reinforce network assets because of new development, we will recover the cost using two distinct charges:

Site Specific charges

Site Specific charges will be payable for all work carried out by us on the development site and up to a defined point of connection to the existing water company network. These charges cover the cost of Site Specific work to provide any new pipework needed to connect the new houses to the nearest practical point on the existing network – and where the diameter of the new connecting pipework is no larger than the diameter of the company’s existing network. The costs of these works will be recovered, in full, from the Developer Customer that requested the works.

Network Reinforcement charges

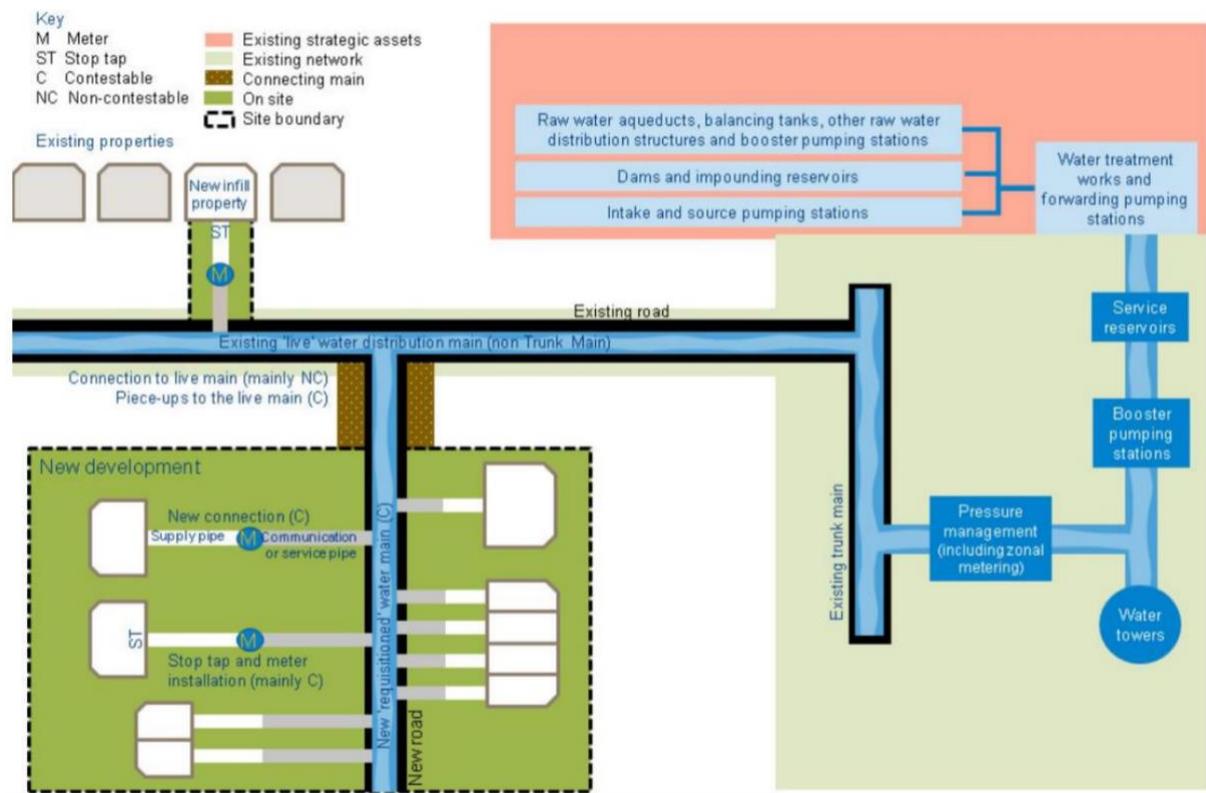
Network Reinforcement to provide for new development will be delivered by us with the cost recovered through a new approach to Infrastructure Charges. Reinforcement includes upgrades to the existing network and can also include upsizing works which the water company agrees should be provided to cater for other likely new connections.

The following diagram shows who pays for what in relation to water connections services. The diagram is annotated as follows:

Colour	Infrastructure	Who pays and how?
Dark green and brown shaded area	Site Specific work to connect the development to an appropriate point on the existing network	Developer or SLP customer through Site Specific charges
Light green shaded area	Network reinforcement – upgrades and increased capacity of existing network in consequence of new growth	Developers through the New Infrastructure Charge
Pink shaded area	New resources and treatment assets	Water company through 5-year (AMP) investment plan

Whilst the above example will operate in the majority of connections scenarios, some complex connection projects will involve a mixture of Site Specific work and Network Reinforcement. In these complex cases, we will apply the following charge cap to ensure that the Site Specific charge remains reflective of Ofwat’s rules.

Figure 1: Typical connections work, and the location of existing water assets



Site Specific Charge Cap

Where we wish to specify a point of connection which is different from the nearest practical point referred to above, or we agree with the applicant on an alternative point of connection, the charge for Site Specific Work will be capped. The cap will be equal to the lowest Site Specific charge that would otherwise result from connecting at the nearest practical point on the existing network where the connecting pipework is of a nominal bore internal diameter no larger than that of our existing network.

Service Connection Charge

Our Service Connection Charges are outlined in the Cost Schedule. All charges associated with new service connections are fixed. There will be no “exceptional circumstances” that apply to our service connection charges.

These charges have been built up using an activity based costing approach using our term contractor, who was selected following a competitive tender process. By applying our term contractor’s standard rates, this allowed us to calculate a unit charge. Materials and the recovery of reasonable management overheads is included in our rates for service connection charges.

There are a number of activities associated with Service Connections that are contestable. We have included fixed application, administration and inspection fees associated where those activities are undertaken by a SLP. Non-contestable activities are outlined in Appendix B.

A water meter will be installed on new connections in accordance with Portsmouth Water's supply agreement. The water meter remains the property of Portsmouth Water's wholesale business. Where a water meter has been installed the measured tariff will apply - except where it has been installed for check purposes only in accordance with Portsmouth Water's policy at the time and a customer has been previously notified of this in writing.

Requisition Charges

Our requisition charges have been built up using an activity based costing approach using our term contractor, who was selected following a competitive tender process. By applying our term contractor's standard rates, this allowed us to calculate a unit charge per metre. Materials and the recovery of reasonable management overheads is included in our rates for service connection charges. They will not include any amounts for network reinforcement costs.

There are a number of activities associated with mains requisitions that are contestable. We have also published fixed application, administration and inspection fees associated where those activities are undertaken by a SLP. Non-contestable activities are outlined in Appendix B.

Some requisition work is affected by third party influences or other factors beyond our control, and in these circumstances, our published fixed upfront charges may not be appropriate. In these rare cases, we will provide a bespoke estimate. Appendix C sets out the circumstances under which a bespoke estimate may be appropriate.

There may be occasions when a Developer Customer requisitions a main for a new development and we decide to upsize the asset to take account of future growth. Any costs associated with the upsizing, over and above that required for the mains requisition, will be borne by us, or if the future growth is anticipated within 5 years will fall within network reinforcement costs.

Income Offset

In July 2019, Ofwat published revised charging rules for new connections that came into effect on 01 April 2020.

The drawbacks of the rules prior to 01 April 2020 were:

- Developer customers laying only 'service connections' on an existing main did not receive an income offset.
- The timing of the developer customer receiving the income offset, or equivalent, varied across the different customer groups.

The revised rules are intended to ensure all customer types are treated fairly and that cost transparency is improved between incumbents, SLPs and NAVs. A key requirement of the rules is that all developer customers are treated equally. To do this:

- We will no longer apply income offsets against the cost of a new main requisitions;
- we will no longer provide an asset payment where an SLP installs the water main;
- The 'new' income offset will be applied to infrastructure charges.

Ofwat's charging rules make the process fairer, and increase both transparency and efficiency, for developer customers.

The new income offset is applicable to all new connections – not just, as previously happened, those customers connecting to a new water main. Whether, you are building a single house, close to our existing water network, or a big development, with a new water main – everybody is eligible for the income offset.

In the interests of fairness and simplicity, and after consultation with our developer customers in 2019-20, we have a flat rate for the income offset to share equally across all developers, NAVs and SLPs for all sizes of developments, connections types, on new and existing mains.

The income offset payment will be made when the infrastructure charge is due on connection, and the income offset payment less the infrastructure charge will result in a net payment.

A key principle of the charging rules is that we take reasonable steps to ensure that the balance of charges between Developers customers and other customers, prior to the implementation of the rules in April 2018, is broadly maintained.

We have used the income offset to maintain our balance of charges between our developer customers and other customers. To achieve this we looked at our total allowed revenue for, and our forecasted revenue from our developer customers in 2021/22. The income offset was then used to adjust the revenue from developer customers in 2021/22 to the percentage of overall revenue that developer customers contributed in 2017/18.

The income offset has been calculated as -£485 for 2021/22. The income offset will be given as a payment to the customer, and applied when the infrastructure charge is due.

Infrastructure Charges

Infrastructure charges enable companies to invest in general improvements in their existing network needed to meet increasing demand from new customers. Charged separately for water and sewerage services, they are payable when connecting a property to a public water supply or a public sewer for the first time for domestic purposes.

The purpose of the charge is a contribution to the cost of providing the infrastructure of pipes, pumping stations and treatment works necessary for the provision of water services as a direct consequence of new development and growth.

The level of Infrastructure Charge is set on a yearly basis and adjusted to ensure that expenditure costs are recovered over a five year period. This means that the infrastructure charge set every year will be based on the latest estimate of the predicted investment required and the number of new connections expected over the next 5 years, plus any correction from previous years' charges.

The Company has determined its infrastructure charges in accordance with the principle that such charges will, over a rolling five year period, cover expenditure on network reinforcement driven by new development and growth. This will ensure that the infrastructure charges will be cost-reflective and increase the clarity and transparency of charges. In practical terms this means that infrastructure charges may vary from year to year depending on the network reinforcement activity required in any 5 year rolling period.

This, together with the requirements that the current balance of charges between customers and developers is broadly maintained, ensures that developers will be protected. Specifically we have looked at the proposed development in our area over the next five years and established where additional capacity is required to ensure we can supply these new developments.

We consider that the Company area is one discrete zone as we generally consider we can move any volume of water around our network without significant issue. This means we will only have one single level of infrastructure charge for the Company as a whole.

The derivation of the infrastructure charge for 2021/22 is based on our estimate of the cost associated with infrastructure to meet new development over the next five years. This sum is assumed to be recovered over each new connection over a five year rolling period.

This establishes the value of £334 for 2021/22, and will be reviewed on an annual basis given the actual infrastructure requirements and actual connections activity.

The water infrastructure charge payable on a standard domestic property (i.e. a separately billed house, flat or separate unit) requiring a 25mm (0.75") service connection will be the standard water infrastructure charge. For domestic and non-domestic properties requiring a service connection greater than 25mm (0.75"), a Relevant Multiplier will be calculated based upon the number of water fittings and their related loading units where provided.

To calculate the Relevant Multiplier:

- i. ascertain the total number of water fittings in all the categories specified in column 1 of the following table
- ii. calculate by reference to column 2 of the table the aggregate loading units attributable to that total number of water fittings
- iii. divide the aggregate loading units by 24.

Water Fitting	Loading Units
WC flushing cistern	2.0
Wash basin in a house	1.5
Wash basin elsewhere	3.0
Bath (tap nominal size 20mm) (0.75") (see note 2)	10.0
Bath (tap nominal size larger than 20mm) (0.75") (see note 2)	22.0
Shower	3.0
Sink (tap nominal size 15mm) (0.50")	3.0
Sink (tap nominal size larger than 15mm) (0.50")	5.0
Spray tap	0.5
Bidet	1.5
Domestic appliance (subject to a minimum of 6 loading units per house) (see notes 3 and 4)	3.0
Communal or commercial appliance (see note 3)	10.0
Any other water fitting or outlet (including a tap, but excluding a urinal or water softener)	3.0

The resulting number will be the Relevant Multiplier and will be applied to the standard water infrastructure charge in order to calculate the amount payable for the relevant connection. If the resulting number is less than 1, the Relevant Multiplier will be 1.

Where no table of loading units is provided but a flow rate is requested, BSEN 806 Part 3 Appendix B shall be used to convert the flow rate to loading units to calculate the Relevant Multiplier. Where a table of loading units is provided but a meter and connection size of higher capacity is requested, BSEN 806 Part 3 Appendix B shall be used to convert the maximum continuous flow of the requested meter size to loading units to calculate the Relevant Multiplier. Alternatively the connection shall be provided with no additional capacity and shall be sized based on the table of loading units provided.

Notes:

1. Reference to any fitting includes reference to any plumbing, outlet, dedicated space or planning or other provision for that fitting.
2. 'Bath' includes a whirlpool bath and a Jacuzzi.
3. 'Domestic appliance' means a water using appliance (including a dishwasher, a washing machine and a waste disposal unit) in a house and 'communal or commercial appliance' means an appliance (including a dishwasher, a washing machine and a waste disposal unit) elsewhere in a house (including communal facilities).

4. In any calculation under charges a minimum of six loading units will be included in respect of each house for domestic appliances (whether or not the house has any such appliances) except, in the case of any house, where neither a washing machine nor a dishwasher can be provided (and there is no plumbing, outlet, dedicated space or planning or other provision for either appliance).

When a site is developed or redeveloped, including by means of conversion of a building or buildings on it, the Company will make an allowance for the water connections removed, where accounts have been paid, on the site at any time in the five year period before the development or redevelopment began in calculating the water infrastructure charge payable. The allowance given will be equal to the relevant infrastructure charge for the existing sized connection. These will be calculated on an individual basis.

Water Efficiency

Anyone building a new home within the UK must comply with Part G of The Building Regulations 2010. These regulations state that any new homes must be built to provide no more than 125 litres of water per head per day.

South East England is a water stressed region and we are keen to work with developers and incentivise them to build new homes that are water efficient. Our aim is to reduce the average amount of water used by our customers per person per day.

Portsmouth Water would like to incentivise Developer Customers to build water efficient homes. Therefore, we are proposing that if Developer Customer can provide evidence of intention to build to a level of 100 litres per head per day, or less, we would provide a 50% allowance on infrastructure charges.

To ensure compliance, we will audit developments against the information submitted. We recognise that there are situations where a customer may remove water efficiency fixtures and fittings; therefore, our intention is not to recoup any discounted infrastructure charges if the customer chooses to remove any of the installations. The assessment will be carried out at point of sale only.

Diversion Charges

Portsmouth Water does not allow building over any water mains or associated apparatus. An existing water main may need to be diverted to a different location due to its proximity to the vicinity of the planned works.

We currently charge diversionary work on a case by case basis, recovering reasonable expenses incurred. Ofwat's charging rules allow the option of upfront fixed charges for mains diversionary work.

We have considered whether we change our current approach to one of upfront fixed charges given that the infrastructure requirements for each diversion could vary substantially. Due to the varied requirements of each diversion, we shall continue to use our case by case approach to determine charges.

We shall only recover the cost reasonably incurred as a result of the diversion works. All or part of the works may be contestable in which case the Developer Customer will be given the opportunity to

undertake the works themselves or employ a suitably qualified third party contractor to undertake those contestable elements.

There may be occasions when a Developer Customer requests a mains diversion and we decide to upsize the asset to take account of future growth. Any costs associated with the upsizing, over and above that required for the mains diversion, will be borne by us.

Quotation Validity

We understand that there will be occasions after the 1st April 2021 when a Developer Customer has received a quote during the previous charging arrangement year and wishes to proceed with the work. In this instance:

- If a quotation was provided and is still within the validity period of the quotation, then the quotation remains valid if the Developer Customer wishes to proceed. The validity periods are:
 - i. Mains Requisition 3 months from date of quotation
 - ii. Mains Diversions 3 months from date of quotation
 - iii. Self-Lay 3 months from date of quotation
 - iv. NAV 3 months from date of quotation
 - v. Service Connections 1 month from date of quotation
- If a Developer Customer has paid the quotation but no work has started by 1st April 2021, then the customer can have the option to cancel this quotation and request a quote under the current year charges.

Payment terms

With the exception of Infrastructure Charges, all services are generally payable in full, in advance.

Mains design fees are payable up-front at the time of application.

Mains requisition charges are payable on the acceptance of the quotation.

Service connection application fees are payable up-front at the time of application.

Service connection administration fees are payable on the acceptance of the quotation.

Service connections may be requested as required and payment will be required in advance of each connection request. This allows Developer Customers to manage cash outflows for large developments with multiple new connections.

Self-Lay and NAV non-contestable works charges are payable in advance of the Portsmouth Water planning or installation of said works.

Infrastructure charges may either be paid in advance or deferred for payment until the date of connection. Income offset payments shall be applied at the same time infrastructure charges are due.

Mains diversion works will generally be payable in full, in advance. However, in accordance with “Measures Necessary where apparatus is effected by major works (diversionary works, a code of practice) New Roads and Street Works Act 1991” certain organisations may be permitted to pay an up-front deposit with a balance payable on completion.

Full details of payment terms are included in our relevant Terms and Conditions and will be provided as part of the quotation.

We accept BACs, cheques and most credit / debit cards for payment for our services.

All charges shown throughout this document are exclusive of Value Added Tax (VAT). We will add VAT, if applicable, at the appropriate rate to our charges. The VAT rules are complex and primarily depend on the nature of the work undertaken and the type of property concerned. It is therefore not possible for us to set out the VAT liability for each item.

Schedule of Rates

Please note Contestable activities are denoted by a 'C' and Non-Contestable by a 'NC' in the following tables.

Service Connections

Service Connections & Service-Laying Charges

Service Connection Charges ¹									
	External Diameter	Charge Unit	Connection Location						
			Flexible Carriageway	Rigid Carriageway	Flexible Footway	Rigid Footway	Unmade Ground	Field, Grassland or Verge	No Excavation
C	25mm	per connection	£ 535	£ 758	£ 458	£ 499	£ 377	£ 372	£ 231
C	32mm	per connection	£ 551	£ 773	£ 473	£ 514	£ 392	£ 387	£ 246
C	50mm ²	per connection	£ 727	£ 950	£ 648	£ 684	£ 554	£ 554	£ 407
C	63mm	per connection	£ 808	£ 1,030	£ 728	£ 764	£ 632	£ 634	£ 486

¹ All connection charges are inclusive of the first two metres of service pipe.

Service-Laying Charges									
	External Diameter	Charge Unit	Service-Laying Location						
			Flexible Carriageway	Rigid Carriageway	Flexible Footway	Rigid Footway	Unmade Ground	Field, Grassland or Verge	No Excavation
C	25mm	per metre	£ 234	£ 456	£ 167	£ 202	£ 45	£ 79	£ 29
C	32mm	per metre	£ 235	£ 458	£ 168	£ 203	£ 47	£ 81	£ 30
C	50mm ²	per metre	£ 246	£ 469	£ 180	£ 210	£ 49	£ 84	£ 26
C	63mm	per metre	£ 264	£ 487	£ 198	£ 227	£ 67	£ 101	£ 42

² 50mm pipe is not available for service connections or service-laying where the ground is contaminated and barrier pipe is required.

Temporary Building Supply Disconnection Charges

Temporary Building Water Disconnection Charges									
NC	External Diameter	Charge Unit	Disconnection Location						
			Flexible Carriageway	Rigid Carriageway	Flexible Footway	Rigid Footway	Unmade Ground	Field, Grassland or Verge	No Excavation
	25mm ¹	per disconnection	£ 358	£ 640	£ 289	£ 312	£ 159	£ 227	£ 13

¹ Temporary building supplies of greater external diameter than 25mm shall be calculated at cost.

Administration Charges

Application Charges			
	Charge Item	Charge Unit	Charge
NC	Service Application - (first connection)	per application	£ 81
NC	Service Application - (additional connections)	per additional connection	£ 37
NC	Service Administration - (first connection)	per connection	£ 58
NC	Service Administration - (additional connections)	per additional connection	£ 27
NC	Self-Lay Service Application - (first connection)	per application	£ 63
NC	Self-Lay Service Application - (additional connections)	per additional connection	£ 19
NC	Site-Specific Water Distribution Systems Designs Approval (by others)	per application	£ 105
NC	Point of Connection Enquiry	per application	£ 105

Water Meters

Meter Supply Charges				
	Meter Size	Meter Installation Type	Charge Unit	Supply ¹
NC	20mm	WMMB / INT	per meter	£ 21
NC	20mm	SBB	per meter	£ 21
NC	25mm	SBB	per meter	£ 77
NC	40mm	SBB	per meter	£ 173
NC	50mm	SBB	per meter	£ 753

Meter Installation Charges				
	Meter Size	Meter Installation Type	Charge Unit	Installation ²
C	20mm	WMMB / INT	per meter	£ 17
C	20mm	SBB	per meter	£ 369
C	25mm	SBB	per meter	£ 675
C	40mm	SBB	per meter	£ 1,172
C	50mm	SBB	per meter	£ 1,475

¹ Supply includes only the cost of the relevant meter.

² Installation includes the cost of the installation of the meter and associated materials.

Ancillary Charges

Ancillary Charges			
	Charge Item	Charge Unit	Charge
NC	Trench Re-Inspection	per inspection	£ 81
C	Trench Inspection of Self-Lay	per inspection	£ 16
NC	Water Quality Sampling & Analysis	per sample	£ 64
NC	Additional Site Visit	per visit	£ 79
NC	Abortive Visit ¹	per visit	£ 131

¹ An Abortive Visit charge will be applied per visit and include any costs associated with the aborted visit.

Mains Requisitions, Mains Diversions & Self-Lay

Main-Laying Charges

Main-Laying Charges (where barrier pipe is not required)									
C	External Diameter	Charge Unit	Service-Laying Location						
			Flexible Carriageway	Rigid Carriageway	Flexible Footway	Rigid Footway	Unmade Ground	Field, Grassland or Verge	No Excavation
C	63mm	per metre	£ 170	£ 269	£ 120	£ 137	£ 54	£ 90	£ 30
C	90mm	per metre	£ 173	£ 271	£ 123	£ 140	£ 57	£ 92	£ 32
C	125mm	per metre	£ 178	£ 277	£ 128	£ 145	£ 62	£ 98	£ 38
C	180mm	per metre	£ 231	£ 354	£ 171	£ 186	£ 88	£ 128	£ 55
C	250mm	per metre	£ 274	£ 397	£ 214	£ 229	£ 131	£ 171	£ 97
C	315mm	per metre	£ 383	£ 534	£ 309	£ 328	£ 208	£ 257	£ 162
C	355mm	per metre	£ 405	£ 557	£ 332	£ 350	£ 231	£ 280	£ 184

Main-Laying Charges (where barrier pipe is required)									
C	External Diameter	Charge Unit	Service-Laying Location						
			Flexible Carriageway	Rigid Carriageway	Flexible Footway	Rigid Footway	Unmade Ground	Field, Grassland or Verge	No Excavation
C	63mm	per metre	£ 190	£ 288	£ 140	£ 157	£ 74	£ 109	£ 50
C	90mm	per metre	£ 193	£ 292	£ 143	£ 160	£ 77	£ 113	£ 53
C	125mm	per metre	£ 207	£ 306	£ 158	£ 174	£ 92	£ 127	£ 67
C	180mm	per metre	£ 262	£ 385	£ 202	£ 217	£ 119	£ 159	£ 85
C	250mm	per metre	£ 341	£ 464	£ 281	£ 296	£ 198	£ 237	£ 164
C	315mm	per metre	£ 454	£ 606	£ 380	£ 399	£ 279	£ 328	£ 233
C	355mm	per metre	£ 475	£ 626	£ 401	£ 415	£ 300	£ 349	£ 253

Mains Connection Charges

Mains Connection Charges									
	External Diameter	Charge Unit	Connection Location						
			Flexible Carriageway	Rigid Carriageway	Flexible Footway	Rigid Footway	Unmade Ground	Field, Grassland or Verge	No Excavation
NC ¹	63mm	per connection	£ 2,656	£ 4,139	£ 2,083	£ 2,245	£ 1,333	£ 1,823	£ 1,179
NC ¹	90mm	per connection	£ 2,702	£ 4,274	£ 2,173	£ 2,338	£ 1,423	£ 1,913	£ 1,313
NC ¹	125mm	per connection	£ 2,747	£ 4,325	£ 2,217	£ 2,379	£ 1,468	£ 1,958	£ 1,359
NC ¹	180mm	per connection	£ 3,274	£ 4,847	£ 2,644	£ 2,809	£ 1,894	£ 2,384	£ 1,740
NC ¹	250mm	per connection	£ 4,038	£ 5,610	£ 3,553	£ 3,718	£ 2,804	£ 3,294	£ 2,649
NC ¹	315mm	per connection	£ 7,129	£ 8,701	£ 6,645	£ 6,809	£ 5,895	£ 6,385	£ 5,740
NC ¹	355mm	per connection	£ 7,413	£ 8,985	£ 6,929	£ 7,093	£ 6,179	£ 6,669	£ 6,025

¹ Some Mains Connections may be deemed Contestable, please see Appendix B for further information.

Mains Commissioning Charges

Mains Commissioning Charges			
	Charge Item	Charge Unit	Charge
NC	Pressure Testing ¹	per metre	£ 6
NC	Chlorination ¹	per metre	£ 10
NC	Sampling	per sample	£ 100

¹ Charges are applicable for mains up to 355mm external diameter.

Administration Charges

Administration Charges			
	Charge Item	Charge Unit	Charge
NC	Asset Enquiry	per development	£ 30
NC	Point of Connection Enquiry	per development	£ 146
NC	Pre-Development Enquiry	per development	£ 160
NC	Mains Application	per development	£ 102
C	Mains Design	per development	£ 393
NC	Terms Update	per development	£ 80
NC	Mains Design (by others) ¹ Approval	per development	£ 240
C	Design Change	per development	£ 262
NC	Hydraulic Assessment	per development	£ 260
NC	Mains Diversion Application	per diversion	£ 131
C	Mains Diversion Design	per diversion	£ 437
NC	Mains Diversion Design (by others) ¹ Approval	per diversion	£ 306

¹ Mains Designs undertaken by others must hold the relevant Water Industry Registration Scheme (WIRS) accreditation.

Ancillary Charges

Ancillary Charges			
	Charge Item	Charge Unit	Charge
NC	Abortive Visit ¹	per visit	£ 131
NC	Remobilisation to Site	per visit	£ 832
NC	Additional Site Visit	per visit	£ 87
NC	Site Inspection	per inspection	£ 89
NC	Environmental Assessment	per hour	£ 114

¹ An Abortive Visit charge will be applied per visit and include any costs associated with the aborted visit.

Traffic Management Charges

Traffic Management Charges			
	Charge Item	Charge Unit	Charge
C	2-way Traffic Signals	per week	£ 245
C	3-way Traffic Signals	per week	£ 518
C	4-way Traffic Signals	per week	£ 654
C	TTRO for planned works of 5 days or less	per item	£ 1,121
C	TTRO for planned works of 6 days or more	per item	£ 2,977

West Sussex County Council Permit Charges				
	Charge Item	Charge Unit	Charge	
			Road Category 0-2 or Traffic Sensitive	Road Category 3-4 and Non-Traffic Sensitive
C	Major Activity or requiring a TTRO	per permit	£ 257	£ 180
C	Major Activity 4 to 10 days	per permit	£ 139	£ 97
C	Major Activity up to 3 days	per permit	£ 70	£ 49
C	Standard Activity	per permit	£ 139	£ 97
C	Minor Activity	per permit	£ 70	£ 48

Hampshire County Council Permit Charges				
	Charge Item	Charge Unit	Charge	
			Road Category 0-2 or Traffic Sensitive	Road Category 3-4 and Non-Traffic Sensitive
C	Major Activity or requiring a TTRO	per permit	£ 257	£ 155
C	Major Activity 4 to 10 days	per permit	£ 139	£ 80
C	Major Activity up to 3 days	per permit	£ 70	£ 48
C	Standard Activity	per permit	£ 139	£ 80
C	Minor Activity	per permit	£ 70	£ -

Infrastructure Charges

Infrastructure Charges			
	Charge Item	Charge Unit	Charge
NC	Standard Infrastructure Charge	per connection	£ 334
NC	Non-Standard Infrastructure Charge ¹	per connection	Relevant Multiplier ²
NC	Water Efficiency Allowance	per connection	50%
NC	Infrastructure Charge Income Offset	per connection	-£ 485

¹ Non-Standard Infrastructure Charges will be applied for domestic and non-domestic properties requiring a service connection greater than 25mm (0.75”).

² Relevant Multiplier will be applied to the Standard Infrastructure Charge based upon the number of water fittings and their related loading units where provided.

Appendices

Appendix A: Definitions

AMP

Asset Management Period

Asset Payment

- i. in relation to a section 51A agreement with a water undertaker, the amount described in section 51CD(3) of the Water Industry Act 1991; and
- ii. in relation to a section 104 agreement with a sewerage undertaker, the amount described in section 105ZF(3) of the Water Industry Act 1991.

CCW

Consumer Council for Water

Charging Arrangements

A document setting out the charges, Income Offsets and Asset Payments, and/or the methodologies for calculating those, applied by a water undertaker in accordance with the Ofwat Charging rules for new connection services.

Charging Year

A calendar year running from 1 April in a given year to 31 March in the following year.

Connection Charges

Charges that will be imposed by an undertaker for work carried out by it in accordance with the duties (or rights) created by the following provisions of the Water Industry Act 1991: section 45(1) (connection with Water Main); section 46(1) (ancillary works for purposes of making a domestic connection).

Contestable Work

Work or services that either the relevant undertaker or persons other than the relevant undertaker may do or provide.

Development

Premises on which there are buildings, or on which there will be buildings when proposals made by any person for the erection of any buildings are carried out, and which require connection with, and/or modification of, existing water infrastructure.

Diversion Charges

Charges imposed by an undertaker pursuant to section 185(5) of the Water Industry Act 1991.

Fixed Charges

Charges set for a given Charging Year which are fixed in amount or which are calculated by reference to a predetermined methodology set out in the undertaker's Charging Arrangements, the application of which allows calculation at the outset of the total amount owing in that Charging Year in respect of the charges in question. Such charges are to be fixed for a Charging Year, as defined above.

Income Offset

A sum of money offset against the infrastructure charge to maintain the balance of charges between our developer customers and other customers, prior to April 2018.

INT

Internal Water Meter

Network Reinforcement

Refers to work other than Site Specific Work, as defined below to provide or modify such other:

- i. Water Mains and such tanks, service reservoirs and pumping stations, or
- ii. Sewers and such pumping stations as is necessary in consequence of the Site Specific installation or connection of Water Mains, Service Pipes, Public Sewers and Lateral Drains pursuant to a duty imposed on the undertaker by the Water Industry Act 1991, whether by requisition (under sections 41(1), 98(1) or 98(1A)), under an agreement for adoption (under sections 51A or 104), pursuant to section 45(1) (Duty to make connections with main) or in accordance with another duty imposed by the Act, or in consequence of the exercise of rights under section 106(1) (Right to communicate with public sewers).

It also includes the additional capacity in any earlier water main or sewer that falls to be used in consequence of the provision or connection of a new main or sewer.

NAV

New Appointments and Variations. Are limited companies holding an appointment as a relevant undertaker where the conditions of that appointment limit the charges that can be fixed under a charges scheme by reference to the charges fixed by one or more other relevant undertakers.

Non-contestable Work

Work or services that only the relevant undertaker (or an agent acting on their behalf) can do or provide (see Appendix B).

OFWAT

Office of Water Services (The Water Services Regulation Authority)

PR19

Price Review 2019

Requisition Charges

Charges that will be imposed by an undertaker for work carried out by it in accordance with the duties imposed by section 41(1) (provision of requisitioned Water Main) of the Water Industry Act 1991.

SBB

Standard Boundary Box

Site Specific

Work on, or the provision of, water structures or facilities located on a Development as well as work to provide and connect a requested Water Main, Communication Pipe, to or in the immediate vicinity of, the Development and "Site Specific Work" shall be construed accordingly. It does not refer to costs or work required as part of Network Reinforcement as defined above.

SLP

Self-Lay Provider

TTRO

Temporary Traffic Regulation Order

Undertaker

A water company appointed under the WIA 91 to provide water services to a defined geographic area and which owns the supply system and other infrastructure.

Water Main

Any pipe, not being a pipe for the time being vested in a person other than an undertaker, which is used or to be used by a water undertaker or licensed water supplier for the purpose of making a general supply of water available to customers or potential customers of the undertaker or water supply licensee, as distinct from for the purpose of providing a supply to particular customers. This definition includes tunnels or conduits which serve as a pipe and any accessories for the pipe.

WIA

The Water Industry Act 1991 sets out the main powers and duties of the water and sewerage undertakers.

WIRS

Water Industry Registration Scheme

WMMB

Wall Mounted Meter Box

Appendix B: Definition of Non-contestable activities in the design and construction of water mains and services

We will allow a SLP to do all elements of work to provide water supplies to new developments other than those defined as non-contestable in the table below.

Details of our contestable and non-contestable activities can be found in our Annual Contestability Summary, which can be viewed here:

<https://www.portsmouthwater.co.uk/wp-content/uploads/2020/12/PRT-ACS.pdf>

Appendix C: Exceptions to standard charging (Requisitions Only)

Due to the nature of connections work, there are circumstances where the cost incurred by us is affected by external factors. These external factors may be outside of our immediate knowledge or control and, in a limited set of exceptional circumstances, could lead to significant cost variance. For this reason, Ofwat has agreed that we are not required to provide fixed upfront charges in respect of the following:

1. Diversion works (see s185 of the Water Industry Act), and;
2. Water infrastructure work requested by the developer (see S41 and S98 of the Water Industry Act) where “it would be unreasonable to expect an undertaker (i.e. Water Company) to do so”.

For standard water connections no such exception applies and are therefore subject to fixed charges.

In principle, having consulted stakeholders, water companies consider that in the following circumstances, it may not be reasonable for them to provide an upfront fixed charge for the work:

- i. The technical complexity of the work is high or the type of work required is bespoke or carried out infrequently, or;
- ii. Third parties can legitimately recover their costs from us and there is not a reasonable level of certainty of those costs in advance of connection work being undertaken, or;
- iii. Third parties have rights to protect their assets or interests in a way that affects the construction method. The third parties’ requirements are unknown upfront, or;
- iv. The work is to be carried out on or close to land with particular environmental, historical or archaeological characteristics. These characteristics mean that specific measures are required during construction or reinstatement. The details of these measures may not be fully defined in advance of construction.

Where the above circumstances occur, we will be unable to provide a fixed upfront charge for the entire works, and will provide a budget estimate comprising a mixture of:

- i. Indicative or estimated charges for the elements of works affected by the circumstances above, and;
- ii. Fixed upfront charges for the elements of the work where there is sufficient certainty and it is reasonable to do so.

We anticipate that there will be occasions where providing an indicative estimate is not possible or where the estimate will not meet the degree of confidence desired by the customer. In such cases, the parties will need to decide how to proceed.

Appendix D: Ofwat Specific Scenarios

Ofwat require companies to set out worked examples for typical developments. The examples show comparisons between 2020/21 and 2021/22 for changes for a typical development and include requisition charges, infrastructure charges, connection charges, income offset (infrastructure payments), application / administration fees and traffic management charges.

Examples Summary

Examples Summary	2021/22 Charge	2020/21 Charge	Δ %
Single Connection - Short Side (4m road)	£ 1,354	£ 1,279	5.9%
Single Connection - Long Side (4m road, 4m unmade ground)	£ 1,534	£ 1,451	5.7%
Block of Flats - Short Side (4m road)	£ 1,246	£ 1,160	7.4%
Block of Flats - Long Side (4m road, 4m unmade ground)	£ 1,514	£ 1,416	6.9%
Small Development (90mm PE- 10m road, 90mm PE - 20m unmade ground, 63mm PE - 20m unmade ground) - 10 Connections	£ 11,081	£ 10,480	5.7%
Medium Development (180mm PE- 10m road, 180mm PE - 90m unmade ground, 125mm PE - 100m unmade ground, 90mm PE - 100m unmade ground) - 50 Connections	£ 48,275	£ 45,510	6.1%
Large Development (180mm PE- 10m road, 180mm PE - 290m unmade ground, 125mm PE - 300m unmade ground, 90mm PE - 400m unmade ground) - 200 Connections	£ 153,075	£ 144,160	6.2%
Self-Lay Small Development (90mm PE- 10m road, 90mm PE - 20m unmade ground, 63mm PE - 20m unmade ground) - 10 Connections	£ 4,307	£ 4,035	6.7%
Self-Lay Medium Development (180mm PE- 10m road, 180mm PE - 90m unmade ground, 125mm PE - 100m unmade ground, 90mm PE - 100m unmade ground) - 50 Connections	£ 991	£ 685	44.7%
Self-Lay Large Development (180mm PE- 10m road, 180mm PE - 290m unmade ground, 125mm PE - 300m unmade ground, 90mm PE - 400m unmade ground) - 200 Connections	-£ 15,659	-£ 15,815	1.0%

These examples are based on specific measurements and quantities provided by Ofwat for typical developments. Cost will vary depending on the circumstances and requirements of your particular development. Mains diameter, mains length, number of service connections and traffic management requirements will influence the cost for your development.

Example 1: Single Connection - Short Side

Single Connection - Short Side (4m road)							Δ %
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	2020/21 Charge	
Application Fee		(first connection)	1	£ 81	£ 81	£ 65	
Administration Fee		(first connection)	1	£ 58	£ 58	£ 55	
Service Connection Charge	25mm	Flexible Carriageway	1	£ 535	£ 535	£ 510	
Service-Laying Charge	25mm	Flexible Carriageway	2	£ 234	£ 468	£ 446	
Meter Supply Charge	20mm	WMMB	1	£ 21	£ 21	£ 20	
Meter Installation Charge	20mm	WMMB	1	£ 17	£ 17	£ 17	
2-way Traffic Signals			1	£ 245	£ 245	£ 234	
Permit Charge		Standard Activity	1	£ 80	£ 80	£ 77	
Services Cost					£ 1,505	£ 1,424	
Infrastructure Charge			1	£ 334	£ 334	£ 322	
Infrastructure Charge Income Offset			1	-£ 485	-£ 485	-£ 467	
Infrastructure Cost					-£ 151	-£ 145	
Total Cost					£ 1,354	£ 1,279	5.9%

Example 2: Single Connection - Long Side

Single Connection - Long Side (4m road, 4m unmade ground)							
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	2020/21 Charge	Δ %
Application Fee		(first connection)	1	£ 81	£ 81	£ 65	
Administration Fee		(first connection)	1	£ 58	£ 58	£ 55	
Service Connection Charge	25mm	Flexible Carriageway	1	£ 535	£ 535	£ 510	
Service-Laying Charge	25mm	Flexible Carriageway	2	£ 234	£ 468	£ 446	
Service-Laying Charge	25mm	Unmade Ground	4	£ 45	£ 180	£ 172	
Meter Supply Charge	20mm	WMMB	1	£ 21	£ 21	£ 20	
Meter Installation Charge	20mm	WMMB	1	£ 17	£ 17	£ 17	
2-way Traffic Signals			1	£ 245	£ 245	£ 234	
Permit Charge		Standard Activity	1	£ 80	£ 80	£ 77	
Services Cost					£ 1,685	£ 1,596	
Infrastructure Charge			1	£ 334	£ 334	£ 322	
Infrastructure Charge Income Offset			1	-£ 485	-£ 485	-£ 467	
Infrastructure Cost					-£ 151	-£ 145	
Total Cost					£ 1,534	£ 1,451	5.7%

Example 3: Block of Flats - Short Side

Block of Flats - Short Side (4m road)							Δ %
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	202021 Charge	
Application Fee		(first connection)	1	£ 81	£ 81	£ 65	
Application Fee		(additional connections)	9	£ 37	£ 333	£ 270	
Administration Fee		(first connection)	1	£ 58	£ 58	£ 55	
Administration Fee		(additional connections)	9	£ 27	£ 243	£ 225	
Service Connection Charge	63mm	Flexible Carriageway	1	£ 808	£ 808	£ 810	
Service-Laying Charge	63mm	Flexible Carriageway	2	£ 264	£ 528	£ 504	
Meter Supply Charge	20mm	WMMB	10	£ 21	£ 210	£ 200	
Meter Installation Charge	20mm	WMMB	10	£ 17	£ 170	£ 170	
2-way Traffic Signals			1	£ 245	£ 245	£ 234	
Permit Charge		Standard Activity	1	£ 80	£ 80	£ 77	
Application Fee (first connection)			1	£ 81	£ 81	£ 65	
Services Cost					£ 2,756	£ 2,610	
Infrastructure Charge			10	£ 334	£ 3,340	£ 3,220	
Infrastructure Charge Income Offset			10	-£ 485	-£ 4,850	-£ 4,670	
Infrastructure Cost					-£ 1,510	-£ 1,450	
Total Cost					£ 1,246	£ 1,160	7.4%

Example 4: Block of Flats - Long Side

Block of Flats - Long Side (4m road, 4m unmade ground)							Δ %
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	2020/21 Charge	
Application Fee			1	£ 81	£ 81	£ 65	
Application Fee			9	£ 37	£ 333	£ 270	
Administration Fee			1	£ 58	£ 58	£ 55	
Administration Fee			9	£ 27	£ 243	£ 225	
Service Connection Charge	63mm	Flexible Carriageway	1	£ 808	£ 808	£ 810	
Service-Laying Charge	63mm	Flexible Carriageway	2	£ 264	£ 528	£ 504	
Service-Laying Charge	63mm	Unmade Ground	4	£ 67	£ 268	£ 256	
Meter Supply Charge	20mm	WMMB	10	£ 21	£ 210	£ 200	
Meter Installation Charge	20mm	WMMB	10	£ 17	£ 170	£ 170	
2-way Traffic Signals			1	£ 245	£ 245	£ 234	
Permit Charge		Standard Activity	1	£ 80	£ 80	£ 77	
Application Fee (first connection)			1	£ 81	£ 81	£ 65	
Services Cost					£ 3,024	£ 2,866	
Infrastructure Charge			10	£ 334	£ 3,340	£ 3,220	
Infrastructure Charge Income Offset			10	-£ 485	-£ 4,850	-£ 4,670	
Infrastructure Cost					-£ 1,510	-£ 1,450	
Total Cost					£ 1,514	£ 1,416	6.9%

Example 5: Small Development - 10 Connections

Small Development (90mm PE- 10m road, 90mm PE - 20m unmade ground, 63mm PE - 20m unmade ground) - 10 Connections						
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	2020/21 Charge
Mains Application			1	£ 102	£ 102	£ 97
Mains Design			1	£ 393	£ 393	£ 373
Mains Connection Charge	90mm	Flexible Carriageway	1	£ 2,702	£ 2,702	£ 2,572
Main-Laying Charge	90mm	Flexible Carriageway	8	£ 193	£ 1,544	£ 1,472
Main-Laying Charge	90mm	Unmade Ground	20	£ 77	£ 1,540	£ 1,480
Main-Laying Charge	63mm	Unmade Ground	20	£ 74	£ 1,480	£ 1,420
Pressure Testing			50	£ 6	£ 300	£ 250
Chlorination			50	£ 10	£ 500	£ 500
Sampling			3	£ 100	£ 300	£ 270
2-way Traffic Signals			1	£ 245	£ 245	£ 234
Permit Charge		Major Activity - 4 to 10 days	1	£ 80	£ 80	£ 77
Mains Cost					£ 9,186	£ 8,745
Application Fee		(first connection)	1	£ 81	£ 81	£ 65
Application Fee		(additional connections)	9	£ 37	£ 333	£ 270
Administration Fee		(first connection)	1	£ 58	£ 58	£ 55
Administration Fee		(additional connections)	9	£ 27	£ 243	£ 225
Service Connection Charge	25mm	No Excavation	10	£ 231	£ 2,310	£ 2,200
Meter Supply Charge	20mm	WMMB	10	£ 21	£ 210	£ 200
Meter Installation Charge	20mm	WMMB	10	£ 17	£ 170	£ 170
Services Cost					£ 3,405	£ 3,185
Infrastructure Charge			10	£ 334	£ 3,340	£ 3,220
Infrastructure Charge Income Offset			10	-£ 485	-£ 4,850	-£ 4,670
Infrastructure Cost					-£ 1,510	-£ 1,450
Total Cost					£ 11,081	£ 10,480

Δ %

5.7%

Example 6: Medium Development - 50 Connections

Medium Development (180mm PE- 10m road, 180mm PE - 90m unmade ground, 125mm PE - 100m unmade ground, 90mm PE - 100m unmade ground) - 50 Connections						
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	2020/21 Charge
Mains Application			1	£ 102	£ 102	£ 97
Mains Design			1	£ 393	£ 393	£ 373
Mains Connection Charge	180mm	Flexible Carriageway	1	£ 3,274	£ 3,274	£ 3,094
Main-Laying Charge	180mm	Flexible Carriageway	8	£ 262	£ 2,096	£ 2,000
Main-Laying Charge	180mm	Unmade Ground	90	£ 119	£ 10,710	£ 10,170
Main-Laying Charge	125mm	Unmade Ground	100	£ 92	£ 9,200	£ 8,700
Main-Laying Charge	90mm	Unmade Ground	100	£ 77	£ 7,700	£ 7,400
Pressure Testing			300	£ 6	£ 1,800	£ 1,500
Chlorination			300	£ 10	£ 3,000	£ 3,000
Sampling			5	£ 100	£ 500	£ 450
2-way Traffic Signals			1	£ 245	£ 245	£ 234
Permit Charge		Major Activity - 4 to 10 days	1	£ 80	£ 80	£ 77
Mains Cost					£ 39,100	£ 37,095
Application Fee		(first connection)	1	£ 81	£ 81	£ 65
Application Fee		(additional connections)	49	£ 37	£ 1,813	£ 1,470
Administration Fee		(first connection)	1	£ 58	£ 58	£ 55
Administration Fee		(additional connections)	49	£ 27	£ 1,323	£ 1,225
Service Connection Charge	25mm	No Excavation	50	£ 231	£ 11,550	£ 11,000
Meter Supply Charge	20mm	WMMB	50	£ 21	£ 1,050	£ 1,000
Meter Installation Charge	20mm	WMMB	50	£ 17	£ 850	£ 850
Services Cost					£ 16,725	£ 15,665
Infrastructure Charge			50	£ 334	£ 16,700	£ 16,100
Infrastructure Charge Income Offset			50	-£ 485	-£ 24,250	-£ 23,350
Infrastructure Cost					-£ 7,550	-£ 7,250
Total Cost					£ 48,275	£ 45,510

Δ %

6.1%

Example 7: Large Development - 200 Connections

Large Development (180mm PE- 10m road, 180mm PE - 290m unmade ground, 125mm PE - 300m unmade ground, 90mm PE - 400m unmade ground) - 200 Connections						
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	2020/21 Charge
Mains Application			1	£ 102	£ 102	£ 97
Mains Design			1	£ 393	£ 393	£ 373
Mains Connection Charge	180mm	Flexible Carriageway	1	£ 3,274	£ 3,274	£ 3,094
Main-Laying Charge	180mm	Flexible Carriageway	8	£ 262	£ 2,096	£ 2,000
Main-Laying Charge	180mm	Unmade Ground	290	£ 119	£ 34,510	£ 32,770
Main-Laying Charge	125mm	Unmade Ground	300	£ 92	£ 27,600	£ 26,100
Main-Laying Charge	90mm	Unmade Ground	400	£ 77	£ 30,800	£ 29,600
Pressure Testing			1000	£ 6	£ 6,000	£ 5,000
Chlorination			1000	£ 10	£ 10,000	£ 10,000
Sampling			15	£ 100	£ 1,500	£ 1,350
2-way Traffic Signals			1	£ 245	£ 245	£ 234
Permit Charge		Major Activity - 4 to 10 days	1	£ 80	£ 80	£ 77
Mains Cost					£ 116,600	£ 110,695
Application Fee		(first connection)	1	£ 81	£ 81	£ 65
Application Fee		(additional connections)	199	£ 37	£ 7,363	£ 5,970
Administration Fee		(first connection)	1	£ 58	£ 58	£ 55
Administration Fee		(additional connections)	199	£ 27	£ 5,373	£ 4,975
Service Connection Charge	25mm	No Excavation	200	£ 231	£ 46,200	£ 44,000
Meter Supply Charge	20mm	WMMB	200	£ 21	£ 4,200	£ 4,000
Meter Installation Charge	20mm	WMMB	200	£ 17	£ 3,400	£ 3,400
Services Cost					£ 66,675	£ 62,465
Infrastructure Charge			200	£ 334	£ 66,800	£ 64,400
Infrastructure Charge Income Offset			200	-£ 485	-£ 97,000	-£ 93,400
Infrastructure Cost					-£ 30,200	-£ 29,000
Total Cost					£ 153,075	£ 144,160

Δ %

6.2%

Example 8: Self-Lay Small Development - 10 Connections

Self-Lay Small Development (90mm PE- 10m road, 90mm PE - 20m unmade ground, 63mm PE - 20m unmade ground) - 10 Connections						
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	2020/21 Charge
Mains Application			1	£ 102	£ 102	£ 97
Mains Design (by others) Approval			1	£ 240	£ 240	£ 228
Mains Connection Charge	90mm	Flexible Carriageway	1	£ 2,702	£ 2,702	£ 2,572
Main-Laying Charge	90mm	Flexible Carriageway	8	£ 193	£ 1,544	£ 1,472
Pressure Testing			10	£ 6	£ 60	£ 50
Chlorination			10	£ 10	£ 100	£ 100
Sampling			3	£ 100	£ 300	£ 270
2-way Traffic Signals			1	£ 245	£ 245	£ 234
Permit Charge		Major Activity - 4 to 10 days	1	£ 80	£ 80	£ 77
Mains Cost					£ 5,373	£ 5,100
Self-Lay Service Application		(first connection)	1	£ 63	£ 63	£ 50
Self-Lay Service Application		(additional connections)	9	£ 19	£ 171	£ 135
Meter Supply Charge	20mm	WMMB	10	£ 21	£ 210	£ 200
Services Cost					£ 444	£ 385
Infrastructure Charge			10	£ 334	£ 3,340	£ 3,220
Infrastructure Charge Income Offset			10	-£ 485	-£ 4,850	-£ 4,670
Infrastructure Cost					-£ 1,510	-£ 1,450
Total Cost					£ 4,307	£ 4,035

Δ %

6.7%

Example 9: Self-Lay Medium Development - 50 Connections

Self-Lay Medium Development (180mm PE - 10m road, 180mm PE - 90m unmade ground, 125mm PE - 100m unmade ground, 90mm PE - 100m unmade ground) - 50 Connections						
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	2020/21 Charge
Mains Application			1	£ 102	£ 102	£ 97
Mains Design (by others) Approval			1	£ 240	£ 240	£ 228
Mains Connection Charge	180mm	Flexible Carriageway	1	£ 3,274	£ 3,274	£ 3,094
Main-Laying Charge	180mm	Flexible Carriageway	8	£ 262	£ 2,096	£ 2,000
Pressure Testing			10	£ 6	£ 60	£ 50
Chlorination			10	£ 10	£ 100	£ 100
Sampling			3	£ 100	£ 300	£ 270
2-way Traffic Signals			1	£ 245	£ 245	£ 234
Permit Charge		Major Activity - 4 to 10 days	1	£ 80	£ 80	£ 77
Mains Cost					£ 6,497	£ 6,150
Self-Lay Service Application		(first connection)	1	£ 63	£ 63	£ 50
Self-Lay Service Application		(additional connections)	49	£ 19	£ 931	£ 735
Meter Supply Charge	20mm	WMMB	50	£ 21	£ 1,050	£ 1,000
Services Cost					£ 2,044	£ 1,785
Infrastructure Charge			50	£ 334	£ 16,700	£ 16,100
Infrastructure Charge Income Offset			50	-£ 485	-£ 24,250	-£ 23,350
Infrastructure Cost					-£ 7,550	-£ 7,250
Total Cost					£ 991	£ 685

Δ %

45%

Example 10: Self-Lay Large Development - 200 Connections

Self-Lay Large Development (180mm PE - 10m road, 180mm PE - 290m unmade ground, 125mm PE - 300m unmade ground, 90mm PE - 400m unmade ground) - 200 Connections						
Charge Item	External Diameter	Location / Type	Quantity	Rate	2021/22 Charge	2020/21 Charge
Mains Application			1	£ 102	£ 102	£ 97
Mains Design (by others) Approval			1	£ 240	£ 240	£ 228
Mains Connection Charge	180mm	Flexible Carriageway	1	£ 3,274	£ 3,274	£ 3,094
Main-Laying Charge	180mm	Flexible Carriageway	8	£ 262	£ 2,096	£ 2,000
Pressure Testing			10	£ 6	£ 60	£ 50
Chlorination			10	£ 10	£ 100	£ 100
Sampling			3	£ 100	£ 300	£ 270
2-way Traffic Signals			1	£ 245	£ 245	£ 234
Permit Charge		Major Activity - 4 to 10 days	1	£ 80	£ 80	£ 77
Mains Cost					£ 6,497	£ 6,150
Self-Lay Service Application		(first connection)	1	£ 63	£ 63	£ 50
Self-Lay Service Application		(additional connections)	199	£ 19	£ 3,781	£ 2,985
Meter Supply Charge	20mm	WMMB	200	£ 21	£ 4,200	£ 4,000
Services Cost					£ 8,044	£ 7,035
Infrastructure Charge			200	£ 334	£ 66,800	£ 64,400
Infrastructure Charge Income Offset			200	-£ 485	-£ 97,000	-£ 93,400
Infrastructure Cost					-£ 30,200	-£ 29,000
Total Cost					-£ 15,659	-£ 15,815

Δ %

1.0%