



Your local supply, on tap

Charging Arrangements for New Connections Services 2018/2019

Affinity Water Limited



Affinity Water Limited

Registered in England (company number 2546950)

Registered office: Tamblin Way, Hatfield, Hertfordshire, AL10 9EZ

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1. INTRODUCTION

- (1) These **charging arrangements** are made by Affinity Water Limited pursuant to **Ofwat's charging rules**.
- (2) Subject to the transitional arrangements set out in these **charging arrangements** they have effect in relation to charges imposed on or after 1 April 2018 by Affinity Water Limited under or pursuant to the following provisions of the **1991 Act**:
 - a. section 42(2)(a) (provision of new **water main**);
 - b. section 45(6) (connections with **water main**);
 - c. section 46(7)(b) (ancillary works for domestic connection);
 - d. section 185(5) (moving of pipes etc); and
 - e. an agreement made under section 51A (**adoption agreement**).
- (3) These **charging arrangements** are supplementary to statutory provisions that apply to **undertakers** under any enactment, or instrument made thereunder (including the conditions of their appointments). In the event of any conflict between these **charging arrangements** and any statutory provision, the latter shall prevail.
- (4) These **charging arrangements** do not apply in relation to:
 - a. any request for a supply of water for non-domestic purposes to which section 55 of the **1991 Act** applies;
 - b. any request made by a water supply licensee for the connection of premises to **our** supply system, or other steps in respect of that system, to which section 66A of the **1991 Act** applies; or
 - c. any charges that may be imposed by Affinity Water Limited under an agreement to provide one or more water undertakers with a supply of water in bulk.
- (5) Charges relating to **contestable work** are shown in the applicable tables in italics; all other charges relate to **non-contestable work**.
- (6) **Our charging arrangements** roll forward from last year **our** supply chain variable construction costs ensuring through this approach **we** maintain the "broad balance" between **developers** and customers in respect of these costs. In preparing these **charging arrangements**, **we** have identified there has been a divergence over a number of years between actual overhead costs incurred in providing developer services activities and those recovered from **developers**. The differential has, in effect, been met by customers through water supply charges. In order to be broadly cost reflective and promote effective competition for **contestable work** **we** have set charges to increase the amount of overhead costs recovered from **developers**. This will mean a change in the present balance of charges, which **we** consider to be necessary in light of the requirements of Rule 21 of **Ofwat's charging rules**.

2. OUR WATER SUPPLY AREA

- (1) **Our** water supply area is defined in **our instrument of appointment** and comprises three discrete regions in the south east of England shown on the map below.



- (2) Sewerage services in **our** Central Region are provided by Thames Water Utilities Limited (“Thames Water”) and Anglian Water Services Limited (“Anglian Water”). Sewerage services in **our** East Region are provided by Anglian Water while sewerage services in **our** Southeast Region are provided by Southern Water Services Limited (“Southern Water”).
- (3) Enquiries about providing **your development** with a connection to a public sewer should be made to the relevant sewerage undertaker.

3. CONTACT INFORMATION AND COMPLAINTS

- (1) Enquiries about these **charging arrangements** should be addressed to the Company Secretary, Affinity Water Limited, Tamblin Way, Hatfield, Hertfordshire, AL10 9EZ.
- (2) **We** publish a range of information on **our** website www.affinitywater.co.uk/developer-services.aspx
- (3) **You** may also get in touch with **us**:

By telephone	By email	By post
0345 357 2428	ds@affinitywater.co.uk	Developer Services Affinity Water Limited Tamblin Way Hatfield Hertfordshire AL10 9EZ

- (4) If **you** are dissatisfied with the level of service provided and wish to make a complaint, **we** operate a complaints procedure which has been agreed with the industry regulator, **Ofwat**
- (5) **We** aim to answer all written complaints within 10 working days. Further information and a copy of the procedure are available from **our** website on www.affinitywater.co.uk and on request.
- (6) **You** may ask the Consumer Council for Water (“CCWater”), the independent voice for water consumers in England and Wales, to take up **your** complaint on **your** behalf, if **we** have been unable to resolve it directly with **you**.
- (7) If **your** complaint is not resolved to **your** satisfaction after intervention from CCWater, **you** may be able to use the Water Redress Scheme (WATRS) to ask an independent adjudicator to adjudicate any dispute. The service is free to use. **You** will not be able to use the scheme to determine a dispute about matters over which **Ofwat** has powers to determine an outcome.
- (8) Contact information for CCWater, **Ofwat** and WATRS is provided below.

	Consumer Council for Water	Ofwat	WATRS
Address	Consumer Council for Water 1 st Floor Victoria Square House Victoria Square Birmingham B2 4AJ	Water Services Regulation Authority (Ofwat) Centre City Tower 7 Hill Street Birmingham B5 4UA	Water Redress Scheme 70 Fleet Street London EC4Y 1EU
Telephone	0300 034 2222	0121 644 7500	0207 520 3801
Fax	0121 345 1010	0121 625 1400	
Web	www.ccwater.org.uk	www.ofwat.gov.uk	www.watrs.org
email	enquiries@ccwater.org.uk	mailbox@ofwat.gsi.gov.uk	info@watrs.org

4. DEFINITIONS AND INTERPRETATION

- (1) Unless the contrary intention appears, words and expressions used in these **charging arrangements** have the same meaning as in any provision of the **1991 Act**.

Term	Meaning
1991 Act	The Water Industry Act 1991 (as amended).
adoption agreement	An agreement entered into by a water undertaker and self-lay provider pursuant to section 51A of the 1991 Act for water mains and/or service pipes constructed by the self-lay provider to be vested in the water undertaker .
asset payment	The amount described in section 51CD(3) of the 1991 Act .
budget estimate	A high-level, indicative estimate in respect of our charges you are likely to incur for your development .
charging arrangements	This document which sets out the charges, income offsets and asset payments , and/or the methodologies for calculating those, applied by us in accordance with Ofwat's charging rules .
charging year	A calendar year running from 1 April in a given year to 31 March in the following year.
code of practice	Water UK Code of Practice for the Self-Laying of Water Mains and Services as amended from time to time (https://www.water.org.uk/developer-services/self-lay-code-practice).
communication pipe	Any part of a service pipe which an undertaker could be, or has been, required to lay under section 46 of the 1991 Act .
connection charges	The charges we will impose for work carried out by us in accordance with our duties (or rights) under section 45(1) (connection with water main) and section 46(1) (ancillary works for purposes of making a domestic connection) of the 1991 Act .
contestable work	Work or services that either we or persons other than us may do or provide.
developer	Any person or business which is responsible for a development .
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	The charges we impose for work carried out by us to divert water mains and other apparatus in accordance with our duties (or rights) pursuant to section 185(5) of the 1991 Act .
estimated charges	Our estimate of the cost you will incur in respect of work where the basis of charging under these charging arrangement is recovery of our actual costs.

Term	Meaning
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 these 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 charges that would otherwise be applied for the provision of a water main in recognition of revenue likely to be received us in future years for the provision of supplies of water to premises connected to the new water main and income offsetting shall be construed accordingly.
instrument of appointment	The written instrument (as varied from time to time) appointing Affinity Water Limited as the water undertaker for the areas described and subject to the conditions set out in the instrument, under what is now Section 6 of the 1991 Act .
network reinforcement	Work other than site specific work , to provide or modify such other water mains and such tanks, service reservoirs and pumping stations as is necessary in consequence of the site specific installation or connection of water mains and service pipes pursuant to a duty imposed on us by the 1991 Act , whether by requisition (under section 41(1)), under an agreement for adoption (under section 51A), pursuant to section 45(1) or in accordance with another duty imposed by the 1991 Act . It also includes the additional capacity in any earlier water main that falls to be used in consequence of the provision or connection of a new main.
non-contestable work	Work or services that only we (or an agent acting on our behalf) can do or provide.
Ofwat	The Water Services Regulation Authority
Ofwat's charging rules	Charging Rules for New Connection Services (English Undertakers) August 2017 issued by Ofwat under the 1991 Act .
phase	The phase of a development as maybe set out in a planning permission granted by a local planning authority or identified in the developer's construction plans.
quotation	A document we issue to you setting out the charges payable by you for the scope of work set out in the document.
requisition charges	Charges imposed by us for work we carry out in accordance with the duties imposed on us by section 41(1) (provision of requisitioned water main) of the 1991 Act
self-lay provider	A person carrying on the business of constructing water mains and/or service pipes for developments to be adopted by a water undertaker pursuant to an adoption agreement .
service pipe	So much of a pipe which is, or is to be, connected with a water main for supplying water from that main to any premises as: <ul style="list-style-type: none"> (a) is or is to be subject to water pressure from that main; or (b) would be so subject but for the closing of some valve, and includes part of any service pipe .

Term	Meaning
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 or communication pipe on, 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.
undertaker	A water undertaker.
water main	Any pipe, not being a pipe for the time being vested in a person other us , which is used or to be used by the undertaker (or a 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.
we / us / our	Affinity Water Limited.
working hours	08:00 and 16:00 Monday to Friday, excluding public holidays.
you / your	The developer , self-lay provider or customer

- (2) Except where the context otherwise requires, words in the singular include the plural and words in the plural include the singular.
- (3) If not defined above, words and expressions used in these **charging arrangements** shall have the meanings given in the **1991 Act**. References to the **1991 Act** or to any other act or regulations shall include its or their amendment or replacement.
- (4) These **charging arrangements** should be read and construed in conjunction with the **1991 Act** (and any regulations made thereunder) and **our instrument of appointment**. In the event of any conflict or inconsistency with these **charging arrangements**, the provisions of the **1991 Act** (and any regulations made thereunder) or as the case may be **our instrument of appointment** will prevail.
- (5) If any court or competent authority finds that any provision of these **charging arrangements** (or part of any provision) is invalid, illegal or unenforceable, that provision or part-provision is, to the extent required, to be deemed to be deleted, and the validity and enforceability of the other provisions of these **charging arrangements** is not to be affected.
- (6) If any invalid, unenforceable or illegal provision of these **charging arrangements** would be valid, enforceable and legal if some part of it were deleted, the provision shall apply with the minimum modification necessary to make it legal, valid and enforceable.
- (7) Where measurements are referred to in these **charging arrangements** they mean the following:
 - Pipe diameter: all pipe diameters are specified in mm and unless indicated otherwise are outside diameters e.g. 25mm pipe has an outside diameter (o.d.) of 25mm (with an internal diameter (i.d.) of 20mm).
 - Pipe lengths: are charged in linear metres rounded up to the next whole metre.
- (8) **Our** charges tables refer to four different surface types:

Surface Type	Description
Highway (road)	These charges apply when work is being carried out in a road with a sealed surface.
Paved surface (footpath)	These charges apply when work is being carried out in a footpath with a sealed surface.
Unmade ground (verge)	These charges apply to unfinished surfaces, which include tracks, construction sites, fields, unpaved private roads or verges.
No excavation / no reinstatement	These charges apply where we do not undertake any excavation, backfilling or reinstatement, for example, where the trench has been pre-excavated by you to our standards. If on inspection the excavation is found to be not to our standards you will be charged any applicable abortive fees. We only backfill and reinstate sites we have excavated.

- (9) In the case of service connections, the first metre of service pipe tapped into the **water main** is included in the cost of connection. The applicable connection charge is determined by the surface type where the water main is tapped.
- (10) All charges in these **charging arrangements** are stated exclusive of any applicable VAT.

5. PRE-DEVELOPMENT ENQUIRIES

5.1 INTRODUCTION

- (1) **We** encourage **developers** to request a pre-development study prior to any requisition for new mains, self-lay and diversions with benefits as follows:
- New Mains – provides **you** with early visibility of **our** needs to reinforce **our** existing network ahead of **your development** and allows **us** to advise **you** of any timing implication for **your development**.
 - Self-lay – provides **you** with a point of connection to **our** network which enables **you** to carry out **your** design work which will deliver the levels of service for flow and pressure that **you** require for **your development**.
 - Diversions (known as **our** C3 Diversion Report) – enables **you** to be informed of any potential risks and hazards which **you** may need to address as part of **your** design for **your development**. The indicative **budget estimate** is not a **quotation** for **us** to carry out the works.

5.2 PRE-DEVELOPMENT ENQUIRY FEE

- (1) For self-lay **water mains** it is a requirement of the **code of practice** for **self-lay providers** to obtain a pre-development report where they are providing their own design.
- (2) The pre-development enquiry fee covers **our** costs associated with reviewing **your** enquiry, carrying out a hydraulic study, assessing the point of connection into **our** existing network, preparing a **budget estimate** of the cost of the infrastructure / asset value of constructing the connection, **water mains** and **communication pipes** for **your development**, and producing a report which **you** can then refer to for **your** requisition, self-lay application or diversion application.
- (3) The pre-development enquiry fee is payable at the time **you** submit **your** enquiry. **We** will start work on **your** enquiry when **we** have received payment of the applicable pre-development enquiry fee. **Our** charges for pre-development enquiries can be found in table 5.2 below.

Ref	Table 5.2: Pre-development Enquiry Fee	Unit	£ Excluding VAT
5.2.1	Pre-development Enquiry	per enquiry	375

6. REQUISITION CHARGES

6.1 INTRODUCTION

- (1) This Section of these **charging arrangements** charges sets out **our requisition charges**.
- (2) **Requisition charges** are concerned with the cost to **us** of providing **site specific** infrastructure necessary for the provision of a **water main**. Such charges do not include any amount for **network reinforcement** costs.

6.2 APPLICATION FEES

- (1) Where **you** choose **us** to provide a **water main** to serve **your development**, **you** must pay **us** the applicable application fee set out in Table 6.2.

Ref	Table 6.2: Mains Application Fees	Unit	£ Excluding VAT
6.2.1	Application Fee for Mains (with an existing pre-development report)	per application	375
6.2.2	Application Fee for Mains (no pre-development report)	per application	750

- (2) The application fee **we** charge is different depending on whether or not **you** have previously submitted a pre-development enquiry to **us** for **your development**. This recognises that there are certain tasks (hydraulic study and producing a report) which **we** have already carried out and will be able to utilise in processing **your** application.
- (3) The application fee covers **our** costs associated with reviewing and acknowledging **your** application, checking to ensure **we** have all the relevant information, preparing a **quotation** and/or **estimated charges** for the works, and issuing a response to **you**. Please note that this does not cover the cost of design which is charged in addition to the application fee (see section 6.3 below). If **you** have previously submitted a pre-development enquiry for **your development** **we** will review any relevant documentation associated with that enquiry.
- (4) The application fee(s) is payable at the time **you** submit **your** application. **We** will start work on **your** application when **we** have received payment of the applicable application fee(s).

6.3 DESIGN FEES

- (1) In order for **us** to provide **you** with a **quotation** and/or **estimated charges** for **your development** **we** will need to prepare a design. **Our** charges for this service are based on the number of properties which will be served and are set out in Table 6.3. Where **you** indicate to **us** that **your development** will be built in multiple **phases** the applicable design fee is based on the number of properties which will be connected during each **phase**.
- (2) In order for **us** to carry out **your** design **we** will visit **your** site to carry out a survey. This service is included in the mains design fee.

Ref	Table 6.3: Mains Design Fees	Unit	£ Excluding VAT
6.3.1	0-50 properties	per scheme / phase	750
6.3.2	51-100 properties	per scheme / phase	900
6.3.3	101-200 properties	per scheme / phase	1,050
6.3.4	Increment for each additional 100 properties above 200	per increment of 100 properties	150

- (3) The design fee(s) are payable at the time **you** submit **your** application. **We** will start work on **your** application when **we** have received payment of the applicable design fee(s).
- (4) Where **we** have prepared the design(s) for **your development** and **you** subsequently change the requirements of the **development we** will need to issue **you** with a revised design(s) and there will be a charge for this. The amount **we** charge is dependent on whether it is a minor or major change.
- (5) A minor change is:
- a. a change to the site boundary; or
 - b. a change to the size of the **water main**; or
 - c. adding, removing or changing the location of the **communication pipes**.
- (6) A major change is:
- a. a change of route or layout of the **water mains** on site; or
 - b. a change to the point of connection of new **water mains** to the existing network; or
 - c. a change to the overall water demand of the site; or
 - d. splitting the scheme into **phases** or changing the phasing plan.
- (7) **Our** charge for minor changes is 25% of the relevant design fee in Table 6.3, whilst major changes are 80% of the relevant design fee. If **your development** is split into **phases**, this charge will be levied on each of the **phases** which are impacted by the change in requirements.
- (8) The re-design fee(s) are payable at the time **you** notify **us** of the change in **your** requirements.

6.4 ADMINISTRATION FEES

- (1) **Our** administration fees are a contribution towards the costs **we** incur for planning, organising, project managing, inspecting and commissioning the construction of the **water main** to serve **your development**. There are two elements to the total administration fee charged, the first is a fixed amount per application and the second a variable amount based on the length of **your** mains. The amounts **you** must pay **us** are set out in Table 6.4.

Ref	Table 6.4: Mains Administration Fees	Unit	£ Excluding VAT
6.4.1	Mains Administration Fee (fixed element)	per application	550
6.4.2	Mains Administration Fee (variable element)	per linear metre of main laid	36

- (2) The administration fee(s) are payable before **we** provide the services stated. **We** will not provide these services until **we** have received payment of the applicable fee(s).
- (3) Once **we** have received the applicable administration fee(s), **we** will provide the services to which the fee(s) apply.

6.5 CHARGES FOR LAYING WATER MAINS

- (1) **Our** charges for laying mains depend on a number of factors including:
- the diameter and length of the **new water main you** require;
 - the number and arrangement of fittings required to meet **our** design standards;
 - the type of ground in which the **water main** is laid or if **you** have chosen to carry out the excavation and reinstatement yourself;
 - whether the soil may be (or is) contaminated;
 - whether exceptional traffic management is required to enable the work to be undertaken safely or other exceptional circumstances apply.
- (2) **You** can estimate the sizing of the pipework for **your** new **water main**. The following list below is a general guide for the typical sizing of new **water mains** required for household properties. Please note it is for indicative purposes and that once detailed design is carried out, the size required may be different:
- Pipe diameter (80-100mm) Up to 60 houses or 100 flats
 - Pipe diameter (101-130mm) Up to 130 houses or 230 flats
 - Pipe diameter (131-190mm) Up to 400 houses or 700 flats
 - Pipe diameter (191-260mm) Up to 900 houses or 1,500 flats
 - Pipe diameter (261-320mm) Up to 2,600 houses or 4,500 flats

Further guidance regarding sizing methodology can be found on **our** website (www.affinitywater.co.uk).

- (3) **Our fixed charges** for **your** new **water mains** are limited to the cost of connecting to the nearest reasonably practicable point on **our** network where the existing **water main** is at least the same diameter as **your** new **water main** required to provide the capacity for **your development**.

- (4) **We** will lay MDPE or HPPE pipes in ground where **you** provide **us** with a ground investigation report from a suitably qualified organisation which confirms that the ground where **water main** is to be laid is not likely to cause a risk of contamination to water in the **water main**. Otherwise **we** will lay barrier pipe.
- (5) Table 6.5 sets out **our** charges for laying **water mains** to serve **your development**. Please note that where barrier pipe is required the relevant uplift for the diameter of the pipe will apply.
- (6) **We** have included an allowance for traffic management based on historical data and estimates of future requirements within the rates where works are to be undertaken in the highway. **We** have not included an allowance for exceptional traffic management.

Ref	Table 6.5: Laying of Water Mains	Unit	£ Excluding VAT				
			Highway (Road)	Paved Surface (Footpath)	Unmade Ground (Verge)	No excavation / no reinstatement by AWL	Barrier Pipe uplift
6.5.1	Lay Pipe (80-100mm)	Per linear metre	295	200	95	55	15
6.5.2	Lay Pipe (101-130mm)	Per linear metre	300	200	105	60	20
6.5.3	Lay Pipe (131-190mm)	Per linear metre	375	255	125	80	25
6.5.4	Lay Pipe (191-260mm)	Per linear metre	445	300	185	125	30
6.5.5	Lay Pipe (261-320mm)	Per linear metre	560	380	245	165	35

6.6 CHARGES FOR INSTALLING ACCESSORIES FOR WATER MAINS

- (1) Tables 6.6a, 6.6b and 6.6c set out **our** charges for installing the accessories (such as valves, fire hydrants and meters) and also lists **our** charges for other tasks not covered in the tables above. The rates in the table are applicable to MDPE / HPPE and barrier pipe.

Ref	Table 6.6a: Installation of Accessories - Valves (MDPE/HPPE & Barrier Pipe)	Unit	£ Excluding VAT			
			Highway (Road)	Paved Surface (Footpath)	Unmade Ground (Verge)	No excavation / no reinstatement by AWL
6.6.1	Air Valve (100-190mm pipe, single 25mm air valve)	Per accessory	1,200	1,010	850	650
6.6.2	Air Valve (191-320mm pipe, single/double 80mm air valve)	Per accessory	2,020	1,925	1,885	1,450
6.6.3	Sluice Valve (50-190mm pipe)	Per accessory	695	695	695	695

Ref	Table 6.6a: Installation of Accessories - Valves (MDPE/HPPE & Barrier Pipe)	Unit	£ Excluding VAT			
			Highway (Road)	Paved Surface (Footpath)	Unmade Ground (Verge)	No excavation / no reinstatement by AWL
6.6.4	Sluice Valve (191-320mm pipe)	Per accessory	960	960	960	960
6.6.22	Non-return Valve (50-130mm pipe)	Per accessory	720	720	720	720
6.6.23	Non-return Valve (131-190mm pipe)	Per accessory	885	885	885	885
6.6.24	Non-return Valve (191-260mm pipe)	Per accessory	1,400	1,400	1,400	1,400
6.6.25	Non-return Valve (261-320mm pipe)	Per accessory	2,015	2,015	2,015	2,015

Ref	Table 6.6b: Installation of Accessories – Hydrants & Washouts (MDPE / HPPE & Barrier Pipe)	Unit	£ Excluding VAT			
			Highway (Road)	Paved Surface (Footpath)	Unmade Ground (Verge)	No excavation / no reinstatement by AWL
6.6.5	Fire Hydrant or Wash Out (In-line, 50-190mm pipe)	Per accessory	975	905	835	710
6.6.6	Fire Hydrant or Wash Out (In-line, 191-320mm pipe)	Per accessory	1,345	1,315	1,305	1,125
6.6.7	Fire Hydrant or Wash Out (End type, 50-190mm pipe)	Per accessory	855	785	715	605
6.6.8	Fire Hydrant or Wash Out (End type, 131-320mm pipe)	Per accessory	1,030	990	985	845
6.6.9	Temporary Fire Hydrant (End type, 50-190mm pipe)	Per accessory	425	425	425	425
6.6.10	Temporary Fire Hydrant (End type, 191-320mm pipe)	Per accessory	665	665	665	665
6.6.13	Temporary Fire Hydrant Removal and piece through (End type, 50-190mm pipe)	Per accessory	2,280	1,665	1,185	840
6.6.14	Temporary Fire Hydrant Removal and piece through (End type, 191-320mm pipe)	Per accessory	2,885	2,230	1,710	1,315

Ref	Table 6.6c: Installation of Accessories In line Meters	Unit	£ Excluding VAT			
			Highway (Road)	Paved Surface (Footpath)	Unmade Ground (Verge)	No excavation / no reinstatement by AWL
6.6.26	Install in-line meters 80mm Network Mains	Per accessory	1,595	1,535	1,230	1,170
6.6.27	Install in-line meters 100mm - Network Mains	Per accessory	1,740	1,680	1,340	1,270
6.6.28	Install in-line meters 150mm Network Mains	Per accessory	2,010	1,935	1,530	1,450
6.6.29	Install in-line meters 200mm Network Mains	Per accessory	2,310	2,250	1,960	1,855
6.6.30	Install in-line meters 250mm Network Mains	Per accessory	2,720	2,650	2,325	2,205

6.7 CHARGES FOR CONNECTING WATER MAINS INTO SUPPLY SYSTEM

- (1) Table 6.7 sets out **our** charges for connecting the **water mains** constructed to serve **your development** to **our** existing water supply system. The rates in the table are applicable to MDPE, HPPE and barrier pipe.

Ref	Table 6.7: Connecting Water Mains Into Supply System (MDPE / HPPE & Barrier Pipe)	Unit	£ Excluding VAT			
			Public Highway (Road)	Paved Surface (Footpath)	Unmade Ground (Verge)	No excavation / no reinstatement by AWL
6.7.1	Under Pressure Connection / Branch Connection (50-190mm diameter pipe)	Per connection	1,430	1,380	1,280	1,080
6.7.2	Under Pressure Connection / Branch Connection (191-260mm diameter pipe)	Per connection	1,845	1,795	1,695	1,520
6.7.3	Under Pressure Connection / Branch Connection (261 - 320mm diameter pipe)	Per connection	2,210	2,160	2,060	1,725

6.8 NETWORK REINFORCEMENT

- (1) **We** will not charge **you** **our** costs of undertaking any **network reinforcement** required to serve **your development**.
- (2) **We** will notify **you** of any **network reinforcement** that **we** need to undertake in consequence of **your development** and explain the time implications for **your development**.

6.9 NETWORK ENHANCEMENT

- (1) Where **we** provide a **water main** pursuant to a requisition and, in so doing, decide to increase the capacity of pipes or other infrastructure beyond that which is needed to meet **our** duty under section 41(1) of the **1991 Act**, the costs of this work shall, if this increases the costs of the work, be apportioned so that **you** only pay costs which are in proportion to the particular capacity required by his or her requisition.

6.10 EXCEPTIONAL CIRCUMSTANCES

- (1) **Fixed charges** will not apply in respect of **requisition charges** in the following circumstances:
 - a. the technical complexity of the work is high or the type of work required is bespoke or carried out infrequently;
 - b. 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;
 - c. third parties have rights to protect their assets or interests in a way that affects the construction method or timing (including protected undertakings). The third parties' requirements are unknown upfront;
 - d. 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; or
 - e. there is a need for exceptional traffic management being traffic management other than signing, lighting and guarding, automatic temporary traffic control (inclusive of 2-way 3-way and 4-way traffic control) and bus stop and parking suspensions.
- (2) In these circumstances charges will comprise a combination of:
 - a. upfront **fixed charges** for the elements of the work where there is sufficient certainty and it is reasonable to do so; and
 - b. charges calculated on the basis of the actual cost **we** incur in respect of other elements of work.
- (3) Wherever possible **we** will provide **you** with a document setting out **our estimated charges** and the applicable **fixed charges**.
- (4) **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 **you** desire. In such cases, **we** will work with **you** to decide how best to proceed.

6.11 INCOME OFFSETS

- (1) We will apply an **income offset** of 90% against the charges set out in this section 6 other than application fees, administration fees, design fees and third party costs.
- (2) Table 6.11 shows an example of how the **income offset** is calculated.

Table 6.11 Income Off-Set	Charges (not qualifying for income offset)	Charges (qualifying for income offset)
Pre-development Enquiry Fee	£375	
New Mains Application Fee	£375	
New Mains Design Fee	£750	
New Mains Administration Fee (Fixed element)	£550	
New Mains Administration Fee (Variable element): 20m x £36	£720	
Charges applicable from Table 6.5, Table 6.6a, Table 6.6b, Table 6.6c and Table 6.7	-	£10,000
Income offset of 90%	-	£9,000
Qualifying charges less income offset	£2,770	£1,000
Total Charges Payable by developer	£3,770	

7. CONNECTION CHARGES

7.1 INTRODUCTION

- (1) This section of the **charging arrangements** sets out **our connection charges**.
- (2) **Connection charges** imposed by **us** relate only to **site specific work** carried out and the costs incurred by **us** pursuant to sections 45(1) or 46(1), of the **1991 Act**.
- (3) **We** do not provide an **income offset** against **connection charges**.

7.2 APPLICATION FEES

- (1) Where **you** need **us** to make a connection(s) to **our water mains**, **you** must pay **us** the applicable application fee(s) set out in Table 7.2. **Our** application fees are charged per property that is being connected. Please note that if **your** service connection(s) forms part of a larger scheme where **you** are also requisitioning a new **water main**, the application fees for service connections is payable in addition to the relevant application fee(s) for the requisition of the new **water main**.

Ref	Table 7.2: New Connections Application Fees	Unit	£ Excluding VAT
7.2.1	Application Fee (first property connected)	per application	150
7.2.2	Application Fee (each subsequent property connected)	per application	30

- (2) The reference to property in Table 7.2 refers to any building or part of a building which is occupied or likely to be separately occupied (including a flat).
- (3) The application fee(s) cover **our** costs associated with reviewing and acknowledging **your** application, checking to ensure **we** have all the relevant information, preparing and providing **you** with a **quotation** for **your** service connection(s).
- (4) In order for **us** to carry out **your** design **we** may visit **your** site to carry out a survey. In the event that **we** do so, there will be no additional charge for this visit.
- (5) The application fee(s) is payable at the time **you** submit **your** application. **We** will start work on **your** application when **we** have received payment of the applicable application fee(s).
- (6) Please refer to **our** website for a step-by-step guide to what information **we** require from **you** and when.
- (7) Where **we** have prepared the **quotation** for **your** service connection(s) and **you** subsequently change the requirements by changing the location or number of service connections or make any other significant changes **we** will charge **you** a re-application fee(s) equal to 50% of the application fees set out in Table 7.2 above for the number of properties impacted by the change, with a minimum charge being £75.
- (8) The re-application fee(s) are payable at the time **you** notify **us** of the change in **your** requirements.

7.3 ADMINISTRATION FEES

- (1) **You** must pay **us** administration fees for certain services **we** provide in connection with providing **you** with a connection(s) to **our water mains**. These fees are shown in Table 7.3. **Our** administration fees are charged per property that is being connected. Please note that if **your** service connection(s) forms part of a larger scheme where **you** are also requisitioning a new **water main**, the administration fees for service connections is payable in addition to the relevant administration fee(s) for the requisition of the new **water main**.

Ref	Table 7.3: New Connections Administration Fees	Unit	£ Excluding VAT
7.3.1	Administration Fee (first property connected)	per application	120
7.3.2	Administration Fee (each subsequent property connected)	per application	100

- (2) The reference to property in Table 7.3 refers to any building or part of a building which is occupied or likely to be separately occupied (including a flat).
- (3) Administration fees relate to the work **we** do to plan, organise, manage, and commission **your** service connection(s) and also the work **we** need to do to verify and record the relevant details of each supply. These charges will appear on **our quotation** to **you** and as such are payable in full should **you** decide to progress with the works relating to the installation of the service connections. **We** will provide these services when **we** have received payment of any applicable fee.

7.4 CONNECTION CHARGES

- (1) **Our** charges for new connections depend on a number of factors including:
- the type of ground or if **you** have chosen to carry out the excavation and reinstatement yourselves;
 - the pipe diameter and length of **service pipe** as applicable to **your** required demand; and
 - whether the soil may be (or is) contaminated.
- (2) For indicative purposes **you** can estimate the sizing of **your** pipework from the list below. Please keep in mind that this is a general guide and **we** will confirm the sizing for **you** as part of **our** design and **quotation**.
- 25mm or 32mm Up to 1 house or flat
 - 50mm Up to 16 flats or 1 large house
 - 63mm Up to 40 flats
 - 90mm Up to 100 flats
 - 125mm Up to 230 flats
 - 180mm Up to 700 flats

Further guidance regarding sizing methodology can be found on **our** website (www.affinitywater.co.uk)

- (3) **Our fixed charges** for **your** service connection(s) are limited to the cost of connecting to the nearest reasonably practicable point on **our** network where the existing **water main** is at least the same diameter as **your** service connection, in order to provide the capacity for **your**

development. We will make no additional **connection charge** in the event that **we** change the point of connection for capacity reasons or if **we** need to carry out additional works beyond the point of connection in order to provide capacity for **your development**.

- (4) **We** will lay MDPE/HPPE pipes in ground where **you** provide **us** with a ground investigation report from a suitably qualified organisation which confirms that the ground where the service connection is to be made is not likely to cause a risk of contamination to water in the pipe(s). Otherwise **we** will lay barrier pipe.
- (5) Table 7.4 sets out **our** charges for service connections where the pipe material required by **our** design is MDPE/HPPE. Additional pipe laying is charged at the relevant rate for the surface rounded up to the nearest whole metre. Total pipe length is measured from the **water main** to the intended point of connection at **your** property boundary (along the planned route) less one metre (being the first metre from the **water main**).
- (6) Service connections exceeding 12 metres in length require the installation of temporary hydrants, charging of the new pipe, testing of pressure and water quality of the new pipe. On successful completion of the tests, the temporary hydrants are removed followed by a piece through to make the final connection to the property. Charges provided for service connections exceeding 12 metres will include the applicable charges for these items set out in Table 7.4b.
- (7) Tables 7.4a, 7.4b and 7.4c set out **our** charges for the installation of service connections to **our water mains** to serve **your development**.

Ref	Table 7.4a: Installation of Connections (MDPE/HPPE)	Unit	£ Excluding VAT				
			Highway (Road)	Paved Surface (Footpath)	Unmade Ground (Verge)	No excavation / no reinstatement by AWL	Barrier pipe uplift
Tap in & Connection (MDPE/HPPE) only - (including up to 1 metre of pipe) – surface type is determined at the point of connection to the main							
7.4.1	25/32mm	Per connection Single:	1,235	960	505	310	52
7.4.2		2-port connections:	1,495	1,165	795	435	N/A
7.4.3	50/63mm	Per connection Single:	1,410	1,355	810	570	83
7.4.4		3-port connections:	1,955	1,545	1,145	740	271
7.4.5		4-port connections:	1,995	1,585	1,180	995	279
7.4.6		5-port connections:	2,285	1,830	1,400	1,125	349
7.4.7		6-port connections:	2,320	1,870	1,435	1,180	337
7.4.11	80/90mm	Per connection <12 metres Single:	5,235	4,925	4,765	4,355	100
7.4.12	100/130mm	Per connection <12 metres Single:	5,405	5,235	4,725	4,460	120
7.4.13	150/180mm	Per connection <12 metres Single:	5,900	5,490	5,085	4,805	140
7.4.14	190/260mm	Per connection <12 metres Single:	8,095	7,630	7,340	6,605	160

Note: Two port manifolds in barrier material are not available.

Ref	Table 7.4b: Installation of Connections & Pipe Laying (MDPE/HPPE)	Unit	£ Excluding VAT				
			Highway (Road)	Paved Surface (Footpath)	Unmade Ground (Verge)	No excavation / no reinstatement by AWL	Barrier pipe uplift
Tap in & Connection (HPPE) >12m - Installation and removal of Temporary Hydrants for testing and piece through – surface type is determined at the point of connection to the main							
7.4.23	80/180 mm	Per connection >12 metres Single:	3,130	2,515	2,030	1,725	N/A
7.4.24	190/260mm	Per connection >12 metres Single:	4,210	3,560	3,040	2,645	N/A
Service Pipe Laying							
7.4.9	Lay Pipe (25/32mm)	Per linear metre	265	180	75	30	8
7.4.10	Lay Pipe (50/63mm)	Per linear metre	270	185	85	40	12
7.4.25	Lay Pipe (80-100mm)	Per linear metre	295	200	95	55	15
7.4.26	Lay Pipe (101- 130mm)	Per linear metre	300	200	105	60	20
7.4.27	Lay Pipe (131- 190mm)	Per linear metre	375	255	125	80	26
7.4.28	Lay Pipe (191- 260mm)	Per linear metre	445	300	185	125	31
7.4.29	Lay Pipe (261- 320mm)	Per linear metre	560	380	245	165	37

Ref	Table 7.4c: Installation of Internal Meters (e.g. flats fed from bulk supplies)	Unit	£ Excluding VAT
7.4.30	<i>Install Internal 15mm Screw-in Meter - first property connected (includes meter)</i>	<i>Per property / item</i>	102
7.4.31	<i>Install Internal 15mm Screw-in Meter - each subsequent property connected (includes meter)</i>	<i>Per property / item</i>	90

8. CHARGES AND ASSET PAYMENTS – SELF-LAY WATER MAINS

8.1 INTRODUCTION

- (1) This section of the **charging arrangements** sets out the charges to be paid and the **asset payments**, if any, to be made in respect the adoption of **water mains** pursuant to an **adoption agreement**.

8.2 APPLICATION FEES

- (1) Where **you** propose to construct **water mains** for **our** adoption under an **adoption agreement** **you** must pay **us** an application fee calculated in accordance with Table 8.2.

Ref	Table 8.2: Self-lay water mains Application Fees	Unit	£ Excluding VAT
8.2.1	Application Fee for self-lay mains (with an existing pre-development report)	per application	375
8.2.2	Application Fee for self-lay mains (no pre-development report)	per application	750

- (2) The application fee **we** charge is different depending on whether or not **you** have previously submitted a pre-development enquiry to **us** for **your development**. This recognises that there are certain tasks (hydraulic study and producing a report) which **we** have already carried out and will be able to utilise in processing **your** application.
- (3) The application fee(s) cover **our** costs associated with reviewing and acknowledging **your** application, checking to ensure **we** have all the relevant information, preparing a **quotation** for the works, collating and preparing a report, preparation of the **adoption agreement** and issuing a response to **you**. If **you** have previously submitted a pre-development enquiry for this site **we** will review any relevant documentation associated with that enquiry.
- (4) The application fee(s) is payable at the time **you** submit **your** application. **We** will start work on **your** application once **we** have received payment of the applicable application fee(s).

8.3 DESIGN & DESIGN REVIEW FEES

- (1) If **you** choose to have **your** design prepared by others, **your** design will need to be reviewed by **us** to ensure it complies with **our** design guidelines which are an addendum to the **code of practice**. **Our** charges for this service are listed in Table 8.3. Please note that if **your development** consists of multiple **phases** **you** will need to submit a design for each **phase** and **you** will be charged a design review fee for each **phase** of **your development**. **Our** team will be pleased to provide **you** with further guidance specific to **your development** at the time of **your** enquiry.
- (2) Should **we** find that **your** design does not comply with **our** standards the design review fee will be charged for each subsequent revision submitted to **us** for **our** review.

Ref	Table 8.3: Self-lay water mains Design Fees	Unit	£ Excluding VAT
8.3.1	Review design prepared by self-lay provider	per design	250
8.3.2	<i>Prepare Design (0-50 properties)</i>	<i>per scheme / phase</i>	<i>750</i>
8.3.3	<i>Prepare Design (51-100 properties)</i>	<i>per scheme / phase</i>	<i>900</i>
8.3.4	<i>Prepare Design (101-200 properties)</i>	<i>per scheme / phase</i>	<i>1,050</i>
8.3.5	<i>Prepare Design - Increment for each additional 100 properties above 200:</i>	<i>per increment of 100 properties</i>	<i>150</i>

- (3) The design fee(s) are payable at the time **you** submit **your** application. **We** will not carry out any work on **your** application until **we** have received payment of the applicable design or design approval fee(s).
- (4) Where **we** have reviewed the design(s) for **your development** and **you** subsequently alter the design **we** will charge **you** a design re-approval fee equal to the value of the design approval fee set out in Table 8.3. If **your development** is split into several **phases**, this charge will be levied on each of the **phases** which are impacted by the design change.
- (5) Where **we** have prepared the design(s) for **your development** and **you** subsequently change the requirements of the **development** **we** will need to issue **you** with a revised design(s) and there will be a charge for this. The amount **we** charge is dependent on whether it is a minor or major change.
- (6) A minor change is:
 - a. a change to the site boundary; or
 - b. a change to the size of the **water main**; or
 - c. adding, removing or changing the location of the **communication pipes**.
- (7) A major change is:
 - a. a change of route or layout of the **water mains** on site; or
 - b. a change to the point of connection of new **water mains** to the existing network; or
 - c. a change to the overall water demand of the site; or
 - d. splitting the scheme into **phases** or changing the phasing plan.
- (8) **Our** charge for minor changes is 25% of the relevant design fee in Table 8.3, whilst major changes are 80% of the design fee. If **your development** is split into several **phases**, this charge will be levied on each of the **phases** which are impacted by the change in requirements.
- (9) The re-design fee(s) are payable at the time **you** notify **us** of the change in **your** requirements.

8.4 ADMINISTRATION FEES

- (1) **You** must pay **us** administration fees for certain services **we** provide in connection with **your development**. These charges are the same whether **you** have asked **us** to carry out the design or **you** have submitted **your own**. These fees are shown in Table 8.4 and they cover **our** costs associated with attendance at the pre-construction site meeting, mobilising **our** construction team and project managing the **eo works** (connection to **our water main**), up to two (2) site audit visits (part-laid and nearing completion), integrating the as-laid information into **our** Geographical Information System, issuing the vesting certificate and processing any **asset payments**.

Ref	Table 8.4: Self-lay water mains Administration Fees	Unit	£ Excluding VAT
8.4.1	Administration Fee	per application	1,100

- (2) Administration fees are due and payable before **we** provide the services stated. **We** will provide these services when **we** have received payment of any applicable fee.

8.5 CHARGES FOR CONNECTING ADOPTED WATER MAIN INTO WATER SUPPLY SYSTEM

- (1) These charges relate only to **site specific work** carried out and costs incurred by **us** in order to meet **our** duties under an **adoption agreement** to incorporate the self-laid **water mains** into **our** water network. They do not relate to work to modify or enhance existing network infrastructure in order to address pre-existing deficiencies in capacity or capability, unrelated to requirements associated with the **adoption agreement**.
- (2) These charges comprise the physical connection into **our** existing water network together with charges for any **site specific work we** carry out to connect the self-laid **water main** to the point of connection to **our** existing water network.
- (3) Table 6.7 sets out **our** charges for providing a connection into **our** existing water network.
- (4) If **you** choose for **us** to carry out the construction of the off-site **water mains we** will charge for this work in accordance with sections 6.5 to 6.10 of these **charging arrangements**.
- (5) Table 8.5 sets out **our** charges for other services **we** provide under an **adoption agreement** in respect of self-laid **water mains**.

Ref	Table 8.5: Other services provided under adoption agreement for water mains	Unit	£ Excluding VAT
8.5.1	Witness Pressure Test	per test per resource	152
8.5.2	<i>Take Water Sample</i>	<i>per sample</i>	152
8.5.3	<i>Analyse Water Sample</i>	<i>per sample</i>	16
8.5.4	Additional Site Visits (e.g. to review defect rectification)	per visit per resource	152

- (6) Any defects **we** identify during **our** site audits need to be rectified prior to **us** carrying out the permanent connection to **our** existing network. If additional visits to **your** site (in excess of the two included in **our** administration fee) are required in order to verify the defects have been rectified, **you** will be charged for each additional visit. These charges are listed in Table 8.5 above. These charges will be deducted from any **asset payment**.

8.6 ASSET PAYMENT MADE BY US FOR SELF-LAID WATER MAINS

- (1) **We** will make an **asset payment** to **you** under an **adoption agreement** entered into with **you** under section 51A of the **1991 Act** in accordance with the terms and conditions of the **adoption agreement**.
- (2) The **asset payment** will be 90% of the charges set out in section 6 (other than application fees, administration fees, design fees and third party costs) that would have been payable had **you** requisitioned from **us** the **water main** which is to be adopted under the **adoption agreement**.
- (3) The **asset payment** will be paid once **we** are satisfied that all information relating to **your development** has been received by **us** and all other conditions of the **adoption agreement** have been met by **you**. Any outstanding payments relating to charges for **our** additional services to **you** will be deducted from the **asset payment**.
- (3) Table 8.6 shows an example of how the **asset payment** and the amount due to **you** are calculated.

Table 8.6 Asset Payment	Charges (not qualifying for asset payment)	Charges (qualifying for asset payment)
Pre-development Enquiry Fee	£375	
Self-lay Water Mains Application Fee	£375	
Self-lay Water Mains Design Fee (0-50 properties)	£750	
Self-lay Water Mains Administration Fee (Fixed element)	£1100	
Charges applicable from Table 6.5, Table 6.6 and Table 6.7 had you requisitioned the water main from us	-	£10,000
Asset payment of 90% of qualifying charges	-	£9,000
Asset payment less non qualifying charges	£2,600	
Total payment to you	£6,400	

9. CHARGES - SELF-LAY SERVICE CONNECTIONS

9.1 INTRODUCTION

- (1) This section of the **charging arrangements** sets out the charges payable in respect of the adoption of **communication pipes** pursuant to an **adoption agreement**.

9.2 APPLICATION FEES

- (1) Where a **self-lay provider** proposes to install a **communication pipe** to connect premises to **our water mains** for **our** adoption under an **adoption agreement** the **self-lay provider** must pay **us** an application fee calculated in accordance with Table 9.2. **Our** application fees are charged per property that is being connected. Please note that if **your** service connection(s) forms part of a larger scheme where **we** are also adopting the new **water main**, the application fees for service connections are payable in addition to the relevant application fee(s) for the adopted **water main**.

Ref	Table 9.2: Self-lay Service Connections Application Fees	Unit	£ Excluding VAT
9.2.1	Application Fee Service Connections (first property connected)	per application	150
9.2.2	Application Fee Service Connections (each subsequent property connected)	per application	20

- (3) The reference to property in Table 9.2 refers to any building or part of a building which is occupied or likely to be separately occupied (including a flat).
- (4) The application fee(s) cover **our** costs associated with reviewing **your** application, issuing the terms for service connections, preparing a **quotation** for **our** charges associated with carrying out these connections (e.g. meters and infrastructure charges).
- (5) The application fee(s) is payable at the time **you** submit **your** application. **We** will start work on **your** application when **we** have received payment of the applicable application fee(s).

9.3 ADMINISTRATION FEES

- (1) Where a **self-lay provider** proposes to install a **communication pipe** to connect premises to **our water mains** for **our** adoption under an **adoption agreement** the **self-lay provider** must pay **us** an administration fee calculated in accordance with Table 9.3. **Our** administration fees are charged per property that is being connected. Please note that if **your** service connection(s) forms part of a larger scheme where **we** are also adopting the new **water main**, the administration fees for service connections is payable in addition to the relevant administration fee(s) for the adopted **water main**.

Ref	Table 9.3: Self-lay communication pipes Administration Fees	Unit	£ Excluding VAT
9.3.1	Administration Fee (first property connected)	per application	50
9.3.2	Administration Fee (each subsequent property connected)	per application	50

- (2) The reference to property in Table 9.3 refers to any building or part of a building which is occupied or likely to be separately occupied (including a flat).
- (3) Administration fees relate to the work **we** do including integrating the as-laid information into **our** Geographical Information System and creating the customer accounts.
- (4) Administration fees are due and payable before **we** provide the services stated. **We** will provide these services when **we** have received payment of any applicable fee.

10. DIVERSION CHARGES

10.1 INTRODUCTION

- (1) This section of the **charging arrangements** sets out the method(s) for calculating charges pursuant to Section 185 of the **1991 Act** in respect of the diversion or removal of pipes located in, under or over land in which **you** have an interest or in any adjacent land in which **you** have an interest.
- (2) These **charging arrangements** do not apply to the diversion or removal of pipes of pipes installed in, over or under a street.
- (3) **Diversion charges** are calculated by reference to the principle that **we** are entitled to recover the costs reasonably incurred as a result of complying with the duty imposed on **us** by section 185(1) of the **1991 Act**.

10.2 APPLICATION FEES

- (1) Where **you** are proposing to require **us** to divert **pipes** under Section 185 of the **1991 Act** **you** must pay **us** an application fee calculated in accordance with Table 10.2.

Ref	Table 10.2: Diversion Application Fees	Unit	£ Excluding VAT
10.2.1	Application Fee for diversion (with an existing pre-development report)	per application	375
10.2.2	Application Fee for diversion (no pre-development report)	per application	750

- (2) The application fee **we** charge is different depending on whether or not **you** have previously submitted a pre-development enquiry to **us** for **your** diversion. This recognises that there are certain tasks (hydraulic study and producing a report) which **we** have already carried out and will be able to utilise in processing **your** application.
- (3) The application fee covers **our** costs associated with reviewing and acknowledging **your** application, checking to ensure **we** have all the relevant information, preparing a **quotation** for the works, and issuing a response to **you**. Please note that this does not cover the cost of design which is charged in addition to the application fee (see section 10.3 below). If **you** have previously submitted a pre-development enquiry for this site **we** will review any relevant documentation associated with that enquiry.
- (4) The application fee(s) is payable at the time **you** submit **your** application. **We** will start work on **your** application when **we** have received payment of the applicable application fee(s).

10.3 DESIGN FEES

- (1) In order for **us** to provide **you** with **estimated charges** for **your** diversion **we** will need to prepare a design. **Our** charges for this service are based on the total length of main to be installed as set out in Table 10.3.

Ref	Table 10.3: Diversion Design Fees by length of pipe	Unit	£ Excluding VAT
10.3.1	0-50 Metres	Per design lot	750
10.3.2	51-100 Metres	Per design lot	900
10.3.3	101-200 metres	Per design lot	1,050
10.3.4	Additional meterage above 2010 metres	Per design lot /100m	150

- (2) The design fee(s) are payable at the time **you** submit **your** application. **We** will start work on **your** application when **we** have received payment of the applicable design fee(s).
- (3) Where **we** have prepared the design(s) for **your** diversion and **you** subsequently change the requirements, **we** will need to issue **you** with a revised design(s) and there will be a charge for this. **We** will advise **you** of the cost at that time.

10.4 ADMINISTRATION FEES

- (1) **You** must pay **us** administration fees for certain services **we** provide in connection with the diversion of **our water mains**. **Our** administration fees are a contribution towards the costs **we** incur for planning, organising, project managing, inspecting and commissioning the diversion of **our water main**. **We** will advise **you** of this cost once the specific requirements of **your** diversion are established. Table 10.4 sets out our administration fees.

Ref	Table 10.4: Diversion Administration Fees	Unit	£ Excluding VAT
10.4.1	Diversion Administration Fee (fixed element)	per application	550
10.4.2	Diversion Administration Fee (variable element)	per linear metre of main laid	36

- (2) The administration fee(s) are payable before **we** provide the services stated. **We** will provide these services when **we** have received payment of the applicable fee(s).

10.5 DIVERSION CHARGES

- (1) **Our diversion charges** will comprise a combination of:
- upfront **fixed charges** for the elements of the work where there is sufficient certainty and it is reasonable to do so; and
 - charges calculated on the basis of the actual cost **we** incur in respect of other elements of work.
- (2) Wherever possible **we** will provide **you** with a document setting out **our estimated charges** and the applicable **fixed charges**.

- (3) **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 **you** desire. In such cases, **we** will work with **you** to decide how best to proceed.

10.6 TRAFFIC MANAGEMENT

- (1) Work required to install a diversion is unpredictable and the requirement for traffic management can vary significantly. These costs will be advised as part of **our estimated charges**.

10.7 OUT OF HOURS WORKING

- (1) **Our** preference is always to carry out works within **working hours** as this avoids adverse impact to the rest of **our** operations, however, for reasons outside **our** control it may be necessary to carry out some or all of the works involved in constructing the **water main** for **your development** outside of **working hours**. In most cases this is determined by the local authority and is due to the impact the construction works will have on others. Where additional costs will be incurred **we** will advise **you** of these within **our estimated charges**.

11. MISCELLANEOUS CHARGES

- (1) This section of the **charging arrangements** sets out the charges for miscellaneous services provided.
- (2) Cancellations: Cancellations of work with more than two weeks notice are covered in Table 11. In other cases where **you** have accepted **our quotation** and/or **estimated charges** and paid **us** the relevant charges that are due to that point and subsequently notify **us** that **you** no longer need **us** to carry out the installation works **we** will charge **you** a fee for **our** services carried out to that point. This may include costs associated with cancelling the scheduling of the works and any costs **we** have incurred from **our** supply chain.
- (3) Abortive charges: **You** will be charged if the activity is aborted due to **your** acts or omissions such as **your** site not being ready when **we** attend on an agreed day to carry out **our** works. This includes situations where **we** consider the site for whatever reason to be unsafe. **You** will be charged all of the following:
 - a. abortive administration fee (£122); plus
 - b. all additional costs **we** have to pay to the highway authority to re-book any permits, suspensions or closures; plus
 - c. any additional costs associated with abortive charges, lost time, remobilisation, planning, enabling, plant and supervision.
- (4) Other miscellaneous charges: These are shown in Table 11.

Ref	Table 11 Miscellaneous Charges	Unit	£ Excluding VAT
11.3.1	Water regulations inspection (where Affinity Water inspects service connections laid by others)	Per inspection	85
11.3.2	Site Visit : To provide additional guidance and advice.	One technician for one hour	152
11.3.3	Self certification review	Per connection review	15
11.3.4	Cancellation / Connection withdrawn with more than two weeks' notice from scheduled installation date.	Per cancellation	100
11.3.5	Supervision of traffic management where required by local authority (or other such organisation)	Per person per hour	65

12. DISCONNECTIONS

- (1) Table 12 sets out the charges for disconnection services provided, subject to Section 62 of the 1991 Act.

Ref	Table 12 Disconnections	£ Excluding VAT			
		Highway (Road)	Paved Surface (Footpath)	Unmade Ground (Verge)	No excavation / no reinstatement by AWL
12.3.1	Disconnection	630	500	295	115

13. PAYMENT TERMS AND SECURITY/DEPOSIT ARRANGEMENTS

(1) Table 13.1 sets out payment terms and security/deposit arrangements in respect of charges under these **charging arrangements**.

Ref	Table 13.1	Payment due	Legal Undertaking required	Security deposit required	Interest payable on security deposit
13.1.1	Application Fees	Upon receipt of application	No	No	Not applicable
13.1.2	Administration Fees	Before the services covered by the fee are provided	No	No	Not applicable
13.1.3	Design Fees	Before the services covered by the fee are provided	No	No	Not applicable
13.1.4	Requisitioned water mains	Option A 100% before the works are undertaken	No	No	Not applicable
		Option B 100% on completion of the works	Yes	75% before the works are undertaken	Yes
13.1.5	Connection charges	Option A 100% before the works are undertaken	No	No	Not applicable
		Option B 100% on completion of the works	Yes	75% before the works are undertaken	Yes
13.1.6	Charges under an adoption agreement	As specified in the adoption agreement	No	No	Not applicable
13.1.7	Diversion charges	Option A 100% before the works are undertaken	No	No	Not applicable
		Option B 100% on completion of the works	Yes	75% before the works are undertaken	Yes

(2) Where **you** choose the option to make payment of **our** charges on completion of the relevant works, **you** must provide **us** before **we** commence those works with a legally binding undertaking by which **you** undertake to **us** to pay such charges upon completion of the works.

- (3) Where security is required by **us** under these **charging arrangements you** must provide the required security to **us** before **we** carry out any works in respect of which security is required. We will consider other forms of security that provide equivalent protection.
- (4) Where shown in Table 13.1, **we** will pay interest on sums deposited with **us** for more than 60 days. The interest rate will be calculated using the interest rate applying for any six-month period commencing 1 April or 1 October at 1.75% below the average of the published yield from British Government Securities (10 year Nominal Par Yield from British Government Securities or GIR) in the March or September immediately preceding the six-month period.

14. TRANSITIONAL ARRANGEMENTS

14.1 QUOTATIONS FOR SITE SPECIFIC WORK

- (1) **Quotations for site specific work** which have been accepted on or before 31 March 2018 in respect of works to be carried out on or after 1 April 2018 will continue to apply unless **we** agree with the **developer** to vary the **quotation** to reflect these **charging arrangements**.
- (2) Where an **adoption agreement** is in place on or before 31 March 2018 the charges and payments set out in that agreement will continue to apply unless **we** agree with the **self-lay provider** to vary those charges and payments.
- (3) For applications received between 1 February 2018 and the 31st March 2018 in respect of **site specific work** to be carried out on or after 1 April 2018, **developers** and **self-lay providers** will be able to choose whether to be charged in accordance with these **charging arrangements 2018/19** or the basis of charging applicable up to and including 31 March 2018.
- (4) **Developers** or **self-lay providers** that have received a **quotation** or draft **adoption agreement** on or before 31 January 2018 but have not formally accepted can re-apply on or after 1 February 2018 for a **quotation** in accordance with these **charging arrangements**.

15. INFRASTRUCTURE CHARGES

*This section does not form part of these **charging arrangements** – please refer to the Affinity Water Charges Scheme 2018/19 for the definitions of terms used in this section.*

15.1 INTRODUCTION

- (1) The purpose of an infrastructure charge is to enable a charge to be levied to reflect broadly the expected additional load placed on **our** network by the connection of premises not previously connected to it. Infrastructure charges do not relate to the costs of reinforcing, upgrading or otherwise modifying existing network infrastructure in order to address pre-existing deficiencies in capacity or in capability.
- (2) The provisions of this section 11 do not apply to premises connected on or after 1 April 2018 to a **water main**:
 - a. provided by **us** under section 41 of the **1991 Act** where the charges for that **water main** were calculated on the basis of the provisions of the **1991 Act** before they were amended by the Water Act 2014; or
 - b. that was, or will be adopted by **us** in accordance with an agreement made pursuant to section 51A of the **1991 Act** to which charging rules made by **Ofwat** under section 51CD of the **1991 Act** do not apply.

15.2 WHEN DOES AN INFRASTRUCTURE CHARGE ARISE?

- (1) An infrastructure charge is payable for the connection (whether directly or indirectly) of any premises (not previously connected to a supply of water provided by **us** or another water undertaker) using water for **domestic purposes**, to **our** existing network of mains. This will include cases where a site is being developed or redeveloped by means of the conversion or extension of an existing building or buildings, resulting in a significant increase in demand. This charge is payable in addition to those made for providing a connection pipe and, where necessary, a **water main**.

15.3 LIABILITY FOR INFRASTRUCTURE CHARGES

- (2) Infrastructure charges are payable by the person making or requesting the connection to any premises on whose behalf the connection or request for connection is made. Charges as set out in the **schedule of charges** will apply.
- (3) The occupier of each **house** subject to a **common billing agreement** will be liable to pay **us** one **standard water infrastructure charge** in respect of that **house** where:
 - a. a person who has received a demand, or undertaken to pay infrastructure charges in respect of two or more **houses** subject to a **common billing agreement** fails to pay them, or any part of them, within 14 days of the date of connection; or
 - b. a **common billing agreement** is terminated otherwise than in accordance with its terms by the person who has undertaken to pay charges under it.
- (4) In these circumstances, **we** will give credit for any amount already paid by way of infrastructure charges in respect of that **house** for the connection concerned.

15.4 CALCULATION OF THE INFRASTRUCTURE CHARGE

- (1) The **standard water infrastructure charge** will apply except in the case of.

- a. **houses** subject to a **common billing agreement** where the infrastructure charge for each **house** will be the **standard water infrastructure charge** multiplied by the **relevant multiplier** for that **house**; and
- b. premises other than **houses** to which water is provided by a **supply pipe** above the standard size (25mm) where the infrastructure charge for the premises will be the **standard water infrastructure charge** multiplied by the **relevant multiplier** for those premises.

15.5 DETERMINING THE RELEVANT MULTIPLIER

- (1) Infrastructure charges are based on the load that the **development** is placing on the system. To assess these charges, the total number of water units is expressed as a number of loading units.

Water Fitting ¹	Loading Units
WC flushing cistern	2.0
Wash basin in a House	1.5
Wash basin elsewhere	3.0
Bath (tap nominal size 3/4in/ 20mm) ²	10.0
Bath (tap nominal size larger than 3/4in/ 20mm) ²	22.0
Shower	3.0
Sink (tap nominal size 1/2in/ 15mm)	3.0
Sink (tap nominal size larger than 1/2in/ 15mm)	5.0
Spray tap	0.5
Bidet	1.5
Domestic appliance (subject to a minimum of 6 loading units per House) ^{3 and 4}	3.0
Communal or commercial appliance ³	10.0
Any other water fitting or outlet (including a tap but excluding a urinal or water softener)	3.0
<u>Notes to table:</u>	
1. Reference to any fitting includes reference to any plumbing, outlet, dedicated space or planning or other provision for that fitting	
2. Including a whirlpool or Jacuzzi	
3. Domestic appliance means an appliance (including a dishwasher, a washing machine and waste disposal unit) in a house and communal or commercial appliance means an appliance (including a dishwasher, a washing machine and waste disposal unit) elsewhere than in a house (including communal facilities)	
4. In calculating the relevant multiplier a minimum of 6 loading units in respect of each house will be included 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) in the house .	

- (2) To calculate the **relevant multiplier** for **houses** subject to a **common billing agreement**:
 - a. Determine the aggregate loading units,
 - b. Divide this number by 24, and
 - c. Divide the result by the number of **houses** subject to the **common billing agreement**.
- (3) To calculate the **relevant multiplier** for **premises** other than **houses** to which water is provided by a **supply pipe** above the standard size (25mm):
 - a. Calculate the aggregate loading units, and

b. Divide this number by 24.

15.6 CREDITS

- (1) Where a site is redeveloped or a building is converted, and still has a metered supply of up to 25mm, a credit of one **standard water infrastructure charge** will be given for each premises on the site previously connected to **our** water supply in the five years beforehand.
- (2) Where the site to be developed has a metered supply greater than 25mm, credits will be allowed against the number of fittings previously used. In the absence of fittings data, a credit of one **standard water infrastructure charge** will be awarded for each premises on the site previously connected to the **our** water supply in the five years beforehand.

15.7 TIME FOR PAYMENT

- (1) Infrastructure charges are payable at the time when the physical connection to a **water main** is made, except as provided below:
 - a. In the case of a connection to a water supply of a building or part of a building which is occupied as a dwelling **house** immediately before the connection is made:
 - i. Infrastructure charges are payable in full within 28 days after the physical connection has been made; or
 - ii. At **your** option, an amount equal to the **instalment amount** is to be paid in each of the 12 years following the making of the connection, subject to **you** giving such undertakings in relation to the payment of each **instalment amount** as **we** may reasonably require, the first payment to be made within 28 days after the connection has been made and the remaining payments at yearly intervals thereafter.

Infrastructure Charges

	excl. VAT 2018/19	excl. VAT 2017/18
Standard water infrastructure charge	£375	£361

16. NEW APPOINTEES

- (1) This section does not form part of these **charging arrangements** but the information provided is intended to set out for new appointees **our** approach to charges and payments in respect of **site specific water mains** required to connect into **our** water supply system to facilitate the provision of a bulk supply of water by **us** to the New Appointee. It is **our** expectation such charges and payments would be reflected in any bulk supply agreement **we** enter into with a New Appointee.
- (2) **We** will charge new appointees for **site specific works** that **we** undertake at their request. For these purposes, charges for **site specific works** will be calculated using the same charges as are set for such works under **our charging arrangements** and will be subject to the same **income offset**.
- (3) **We** will make a payment to new appointees for **site specific works** undertaken by the New Appointee. For these purposes the payment will be calculated on the same basis as is set out in **our charging arrangements** for **asset payments**.
- (4) **We** will recover infrastructure charges from the new appointee as a contribution to **our** costs of **network reinforcement**. The infrastructure charges will be calculated on the same basis as are set out in the Affinity Water Charges Scheme 2018/19 for properties connected to **our** water supply system.

17. WORKED EXAMPLES

17.1 SINGLE CONNECTION IN THE CARRIAGEWAY WITH 3 METRES OF PIPE LAY

Code	New Connections Application Fees	Unit	Rate	Amount
7.2.1	Application Fee (first property connected)	1	150	150
Total Application Fees (Excluding VAT)			£	150

Code	Size	Surface	Description	Quantity	Rate	Amount
7.4.1.C	25/32 mm	Highway (Road)	Per connection Single: Carriageway	1	1,235	1,235
7.4.9.C		Highway (Road)	Per linear metre: Carriageway	2	265	530
7.4.1.B		Highway (Road)	Per connection Barrier Pipe Uplift Single:	1	52	52
7.4.9.B		Highway (Road)	Barrier Pipe	2	8	16
7.3.1			Administration Fee (first property connected)	1	120	120
			Total (Excluding VAT)		£	1,953

17.2 FIVE CONNECTIONS INCLUDING 6M OF PIPE LAY IN AN EXISTING TRENCH

Code	New Connections Application Fees	Unit	Rate	Amount
7.2.1	Application Fee (first property connected)	1	150	150
7.2.2	Application Fee (each subsequent property connected)	4	30	120
Total Application Fees (Excluding VAT)			£.	270

Code	Size	Surface	Description	Unit	Quantity	Rate	Amount
7.4.1.N	25/32mm	No excavation / no reinstatement by AWL	Per connection Single:	Each	5	570	2,850
7.4.9.N		No excavation / no reinstatement by AWL	Lay pipe in carriageway	Per linear metre	25	40	1,000
7.3.1			Administration Fee (first property connected)	Each	1	120	120
7.3.2			Administration Fee (each subsequent property connected)	Each	4	100	400
			Total (Excluding VAT)			£.	4,370

Note: 1m of pipe is included in **connection charge**; therefore length of pipe = 5 x 5m = 25m

