

Thames Water Utilities Limited (TWUL) Wholesale

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Indicative wholesale charges 2022-23

For the supply of
water and wastewater services

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1 Introduction to our Indicative Wholesale Charges

This booklet sets out the indicative wholesale non-household primary and special agreement wholesale charges for 2022-23.

The charges have been set based on the information available at this time, including our prediction of Ofwat's in-period determination for actual performance in 2020-21, due to be published by 15 November 2021.

Please refer to our Statement of Significant Change for 2022-23 Indicative Wholesale Charges for more information on the in-period assumptions used in producing the charges in this booklet.

The charges will be subject to the list of potential variations as set out below:

- Ofwat's in-period determination for 2022-23, reflecting actual 2020-21 performance;
- the actual CPIH released by the ONS on 15 December 2021;
- the final Thames Tideway Tunnel Infrastructure Provider charge released in mid/late December 2021; and
- updates to information in respect of underlying charging base movements.

Final wholesale tariffs will be published in the '2022-23 Wholesale Tariff Document', in January 2022.

2 Indicative metered water and wastewater charges

2.1 Metered water and wastewater charges

Water charges are payable for all supply points which receive a water supply either directly or indirectly.

Wastewater charges are payable for all discharge points which are connected directly or indirectly to a public foul or surface water sewer or which have the benefit of these services and will include elements of foul water, surface water and highway drainage. If a site only has surface water drainage, rate-based wastewater charges are not payable. In this instance a fixed fee of £48.27 a year (comprising a highways drainage element of £17.73, a surface water drainage element of £30.54 and a foul drainage element of £0) for non-household premises will be levied. Note that Thames Water does not offer a concessionary surface water drainage charge to community groups.

For non-household premises that do not discharge surface water to our sewers, an abatement can be claimed based on pipe size. The charge payable is shown in Table 2.2.

We will also consider reducing the wastewater charge where it can be proven that less than 90% of the water supplied is returned to the public wastewater system.

Non-household charges are levied as follows:

- Fixed charge for water services (charge varies by pipe size)
- Fixed charge (full or abated) for wastewater services (charge varies by pipe size)
- Variable charge for water services (based on metered usage and volumetric unit rate)
- Variable charge for wastewater services (based on metered usage and volumetric unit rate)
- Supplementary water annual charge for intermediate, large or super large user status
- Supplementary wastewater annual charge for large user status

Table 2.1 Fixed Charges per year – Water service

Pipe size (mm)	Inches	Water Charge
12/15	0.5	£0.00
20/22	0.75	£0.00
25/28	1.00	£0.00
30/32/35	1.25	£0.00
40/42	1.50	£0.00
50/54	2.00	£0.00
65	2.50	£0.00
75/80	3.00	£0.00
100	4.00	£0.00
125	5.00	£0.00
150	6.00	£0.00
200	8.00	£0.00
250	10.00	£0.00
300	12.00	£0.00

Table 2.2 Fixed Charges per year – Wastewater service

Pipe size (mm)	Inches	Wastewater				
		<i>Highways Drainage</i>	<i>Surface Water Drainage</i>	<i>Foul Drainage</i>	Full	Abated*
12/15	0.5	£17.73	£30.54	£0.00	£48.27	£17.73
20/22	0.75	£49.85	£71.89	£0.00	£121.74	£49.85
25/28	1.00	£89.26	£128.38	£0.00	£217.64	£89.26
30/32/35	1.25	£139.12	£200.29	£0.00	£339.41	£139.12
40/42	1.50	£199.40	£288.87	£0.00	£488.27	£199.40
50/54	2.00	£354.76	£512.24	£0.00	£867.00	£354.76
65	2.50	£555.33	£801.09	£0.00	£1,356.42	£555.33
75/80	3.00	£798.81	£1,152.86	£0.00	£1,951.67	£798.81
100	4.00	£1,420.20	£2,050.26	£0.00	£3,470.46	£1,420.20
125	5.00	£2,219.02	£3,203.13	£0.00	£5,422.15	£2,219.02
150	6.00	£3,195.17	£4,612.77	£0.00	£7,807.94	£3,195.17
200	8.00	£5,680.83	£8,199.74	£0.00	£13,880.57	£5,680.83
250	10.00	£8,876.02	£12,811.22	£0.00	£21,687.24	£8,876.02
300	12.00	£12,781.86	£18,448.45	£0.00	£31,230.31	£12,781.86

* Where a premises does not discharge surface water to our sewers, an abatement can be claimed based on pipe size.

2.2 The volumetric charge

Table 2.3 Volumetric Charges (All rates in p/m³)

Consumption (m ³)	Volume Charge (p/m ³)	
	Water service	Wastewater service*
0 - 20,000	153.11	94.18
20,000 - 50,000	140.10	94.18
50,000 - 100,000	114.83	94.18
100,000 - 250,000	114.83	75.34
Over 250,000	91.87	75.34

* Note that volumetric wastewater service charges relate exclusively to foul drainage.

2.3 Supplementary large user annual charge

Table 2.4 Supplementary large user annual charge

Tariff		Consumption m ³	Annual Charge
Water	Intermediate volume user	20,000 - 50,000	£2,602.00
	Large volume user	50,000 - 250,000	£15,237.00
	Super large volume user	Over 250,000	£72,637.00
Wastewater	Large volume user*	Over 100,000	£18,836.00

* Note that the supplementary large volume user charge for wastewater service relates exclusively to foul drainage.

3 Indicative unmetered water and wastewater charges

3.1 Unmetered water and wastewater charges

The wholesale water and wastewater services charge for a premises is calculated by applying a 'rate per pound' to the rateable value (RV) of the premises. There is a different rate for water and wastewater services, each expressed as pence per pound (of RV) and disclosed in Table 3.1. In addition, a yearly 'fixed charge' is applied; disclosed in Table 3.2 and Table 3.3.

Water charges are payable for all premises which receive a water supply either directly or indirectly.

Wastewater charges are payable for all premises which are connected directly or indirectly to a public foul or surface water sewer or which have the benefit of these services and will include elements of foul water, surface water and highway drainage. If a site only has surface water drainage, rate-based wastewater charges are not payable. In this instance a fixed fee of £48.27 a year (comprising a highways drainage element of £17.73, a surface water drainage element of £30.54 and a foul drainage element of £0) for non-household premises will be levied. Note that Thames Water does not offer a concessionary surface water drainage charge to community groups.

For non-household premises that do not discharge surface water to our sewers, an abatement can be claimed based on pipe size. The charge payable is shown in Table 3.3.

Non-household premises are subject to the following charges:

- Fixed charge for water services (charge varies by pipe size)
- Fixed charge (full or abated) for wastewater services (charge varies by pipe size)
- Variable charge for water services (based on RV of premises and local authority area)
- Variable charge for wastewater services (based on RV of premises and local authority area)

Rate per Pound for Water and Wastewater Services

Table 3.1 Unmetered charges pence per pound of rateable value

Charge Area	Local Authority Areas	Water Pence	Wastewater* Pence
1	Kensington & Chelsea London, City of Westminster	72.74	40.42
2	Barking & Dagenham Brent Camden Hackney Hammersmith & Fulham Islington Newham Redbridge Tower Hamlets Waltham Forest	87.11	58.05
	Havering	N/A	
3	Bexley Bromley Croydon Dartford Epsom & Ewell Gravesham Greenwich Kingston Lambeth Lewisham Merton Richmond Sevenoaks Southwark Sutton Tandridge Wandsworth	97.03	62.97
	Tonbridge & Maling	N/A	

* Note that rateable value wastewater service charges relate exclusively to foul drainage.

Charge Area	Local Authority Areas	Water Pence	Wastewater* Pence
4	Barnet Broxbourne East Hertfordshire Enfield Epping Forest Haringey Welwyn Hatfield	95.07	62.11
	Brentwood Harlow Luton North Hertfordshire Stevenage Uttlesford	N/A	
5	Chiltern Dacorum Ealing Hounslow Slough South Buckinghamshire Spelthorne Wycombe	96.78	64.37
	Harrow Hertsmere Hillingdon St. Albans South Bedfordshire Three Rivers Watford	N/A	

* Note that rateable value wastewater service charges relate exclusively to foul drainage.

Charge Area	Local Authority Areas	Water Pence	Wastewater* Pence
6	Basingstoke & Deane Chichester Elmbridge Guildford Hart Horsham Kennet Mole Valley Newbury Reading Reigate & Banstead Waverley Windsor & Maidenhead Wokingham	111.90	76.10
	Bracknell Crawley East Hampshire Mid Sussex Runnymede Rushmoor Surrey Heath Winchester Woking	N/A	
7	Aylesbury Vale Cherwell Cotswold North Wiltshire Oxford South Oxfordshire Swindon Vale of White Horse West Oxfordshire	133.32	88.50
	Daventry South Northamptonshire Stratford Tewkesbury	N/A	

* Note that rateable value wastewater service charges relate exclusively to foul drainage.

3.2 Fixed charges

Table 3.2 Fixed Charges – unmetered per year – water service

Pipe size (mm)	Inches	Water charge
12/15	0.5	£18.75
20/22	0.75	£18.75
25/28	1.00	£18.75
30/32/35	1.25	£18.75
40/42	1.50	£18.75
50/54	2.00	£18.75
65	2.50	£18.75
75/80	3.00	£18.75
100	4.00	£18.75

Table 3.3 Fixed Charges – unmetered per year – wastewater service

Pipe size (mm)	Inches	Wastewater				
		<i>Highways drainage</i>	<i>Surface water drainage</i>	<i>Foul drainage</i>	Full	Abated*
12/15	0.5	£17.73	£30.54	£0.00	£48.27	£17.73
20/22	0.75	£49.85	£71.89	£0.00	£121.74	£49.85
25/28	1.00	£89.26	£128.38	£0.00	£217.64	£89.26
30/32/35	1.25	£139.12	£200.29	£0.00	£339.41	£139.12
40/42	1.50	£199.40	£288.87	£0.00	£488.27	£199.40
50/54	2.00	£354.76	£512.24	£0.00	£867.00	£354.76
65	2.50	£555.33	£801.09	£0.00	£1,356.42	£555.33
75/80	3.00	£798.81	£1,152.86	£0.00	£1,951.67	£798.81
100	4.00	£1,420.20	£2,050.26	£0.00	£3,470.46	£1,420.20

* Where a non-household premises does not discharge surface water to our sewers, an abatement can be claimed based on pipe size.

3.3 Business assessed

Where it is impractical to meter non-household premises, we may assess water usage. In this circumstance we will request information about the type of business, the industrial category of the business (SIC code) and how many people work at the site. Using this information, we will allocate the premises to one of the five bands of assessed charges as shown below. The assessed usage for the premises will be calculated by multiplying the number of full-time employees (or equivalent) by the assessed usage per employee (band 1-5) shown in the table below. If the non-household customer is subject to Trade Effluent charging but no Trade Effluent meter is installed, assessed wastewater volumes will be split between domestic sewage and Trade Effluent by reference to Section 4.3.

The volumetric charge to the premises is calculated by multiplying the assessed usage by the volumetric tariff. A business assessed fixed charge is payable in addition based on pipe size.

If circumstances change, and this change affects the basis of the assessed charges, you should notify us and/or the market operator with the updated information as appropriate. You must update any change to the SIC code data held by the market operator directly. Should you become aware of other relevant changes (such as a change in the number of employees at the site, or the addition of catering facilities) you must submit these details to us using the relevant form (specified in the Wholesale-Retail Code) within 30 business days of the date on which you became aware of the change.

Business Assessed premises are charged as follows:

- Fixed charge for water services (charge varies by pipe size)
- Fixed charge (full or abated) for wastewater services (charge varies by pipe size)
- Variable charge for water services (based on assessed usage and volumetric unit rate)
- Variable charge for wastewater services (based on assessed usage and volumetric unit rate)

Table 3.4 Business Assessed bands

Business type	Band	Assessed Usage per Full Time Employee (or equivalent)
Shops, Offices, Doctors Surgeries	1	15 m ³ per year
Hairdressers, Dental Practices, Takeaways	2	50 m ³ per year
Cafes, Restaurants, Schools, Nurseries, Guest Houses, B&Bs	3	100 m ³ per year
Dry Cleaners, Sports Facilities, Clubs, Bars, Pubs	4	200 m ³ per year
Factories, Hospitals, Community Centres, Church Halls, Communal Areas, Golf Courses, Farms	5	By inspection

Table 3.5 Business Assessed volumetric charges

Assessed Usage (m ³ per year)	Volume Charge (p/m ³)	
	Water	Wastewater*
0 – 20,000	153.11	94.18

* Note that volumetric wastewater service charges relate exclusively to foul drainage.

Table 3.6 Business Assessed fixed charges per year – water service

Assessed pipe size (mm)	Inches	Water Charge
12/15	0.5	£0.00
20/22	0.75	£0.00
25/28	1.00	£0.00
30/32/35	1.25	£0.00
40/42	1.50	£0.00
50/54	2.00	£0.00
65	2.50	£0.00
75/80	3.00	£0.00
100	4.00	£0.00

Table 3.7 Business Assessed fixed charges per year – wastewater service

Assessed pipe size (mm)	Inches	Wastewater				
		<i>Highways drainage</i>	<i>Surface water drainage</i>	<i>Foul drainage</i>	Full	Abated*
12/15	0.5	£17.73	£30.54	£0.00	£48.27	£17.73
20/22	0.75	£49.85	£71.89	£0.00	£121.74	£49.85
25/28	1.00	£89.26	£128.38	£0.00	£217.64	£89.26
30/32/35	1.25	£139.12	£200.29	£0.00	£339.41	£139.12
40/42	1.50	£199.40	£288.87	£0.00	£488.27	£199.40
50/54	2.00	£354.76	£512.24	£0.00	£867.00	£354.76
65	2.50	£555.33	£801.09	£0.00	£1,356.42	£555.33
75/80	3.00	£798.81	£1,152.86	£0.00	£1,951.67	£798.81
100	4.00	£1,420.20	£2,050.26	£0.00	£3,470.46	£1,420.20

*Where a non-household premises does not discharge surface water to our sewers, an abatement can be claimed based on pipe size.

3.4 Related seasonal and other non-household charges

Where an unmetered supply only serves a domestic garage, car space or store area, a fixed annual charge for each unit will apply. Where there is no water supply, but surface water drains to our sewer, only the wastewater fixed charge is payable.

Table 3.8 Domestic garages, car spaces & stores – unmetered fixed charge per year

Domestic garages, car spaces and stores	Annual Charge	
Water fixed charge per garage, car space or store	Charge	£11.53 per garage
Wastewater fixed charge per garage, car space or store	<i>Highways drainage</i>	<i>£0.00 per garage</i>
	<i>Surface water drainage</i>	<i>£7.70 per garage</i>
	<i>Foul drainage</i>	<i>£0.00 per garage</i>
	Charge	£7.70 per garage

Table 3.9 Seasonal and other non-household charges

Seasonal and other non-household charges	Annual Charge	
Allotment tank and water/washdown point (per tank/point)	Water charge	£29.23 per year
Sprinkler, cricket pitches, tennis courts, ornamental pond/fountain and disced supplies	Water charge	£92.57 per year
Minimum charge for meter minimum equivalents	Water charge	£396.07 per year

4 Indicative trade effluent charges

4.1 Trade effluent charges

Trade effluent charges apply for the treatment and disposal of effluent from trade discharges into the public sewer system.

Where a discharge is a mixture of trade effluent and domestic sewage, we will determine how much of each is discharged and apply charges as appropriate, as set out in Section 4.4.

Trade Effluent charges are levied as follows:

- Variable charge for reception (based on metered usage and volumetric unit rate)
- Variable charge for primary treatment (based on metered usage and volumetric unit rate)
- Variable charge for biological treatment (based on volume, sample strength and unit rate)
- Variable charge for solids treatment (based on volume, sample strength and unit rate)
- Variable charge for ammonia treatment (based on volume, sample strength and unit rate)
- Fixed charge for trade effluent services (charge varies by consumption band)
- Supplementary trade effluent annual charge for large user status

In addition, a fixed charge and volume charge for wastewater services as detailed in Section 2 are also payable.

Volume charges for trade effluent are calculated by applying the following standard charges to the trade effluent formula shown in the Wholesale Tariff Document.

Table 4.1 Standard volume charge per cubic metre of trade effluent at average strength

Description	Charge
Reception and Conveyance (R)	15.67 pence per m ³
Primary Treatment (V)	18.32 pence per m ³
Biological treatment (B)	23.49 pence per m ³
Solids treatment (S)	22.48 pence per m ³

Table 4.2 Average strength factors used in trade effluent formula

Mogden formula element	Element symbol	Average strength
Chemical oxygen demand	-Os	445mg/l
Settleable solids	-Ss	336mg/l

Table 4.3 Standard strength discharges (mg/l)

Standard strength premises	Value for Ot	Value for St
Launderettes	576	58
Car Washes	88	62
Dry Cleaners	30	7
Commercial swimming pools	120	108
Small / micro-brewery	1,730	88
Concrete contaminated sites (batching plants, wheel washes on construction sites)	116	58
Laboratory glassware washing	308	34
Bus wash	621	92
Train wash	594	71
Contaminated surface water at waste transfer sites	638	81
Gasholder runoff	20	11
Groundwater	118	114

Standard strength discharges, shown in the table above, will be applied for charging purposes unless we determine that it is not a suitable basis of charge in specific circumstances or if the customer requests charging to be based on sample results.

Definitions of Ot and St can be seen in our Trade effluent wholesale charges scheme (section A.3 of our Wholesale Tariff Document 2021-22).

Table 4.4 Other trade effluent charges

Description	Charge
Minimum charge per annum or duration of Consent*, whichever is the shorter	£140.33
Ammoniacal nitrogen treatment charge per mg in excess of 35mg/l expressed as a fraction of 35	2.84 pence per m ³

* The term 'Consent' is as defined in Part F of our Wholesale Tariff Document 2021-22.

Table 4.5 Trade Effluent Fixed Charges

Discharge Volume (m ³ per annum)	Fixed Charge	Minimum Charge
0 - 500	-£31.00	£140.33
500 – 1,000	-£6.00	N/A
1,000 – 5,000	-£81.00	N/A
5,000 – 20,000	£0.00	N/A

4.2 Large volume trade effluent user tariff

If the annual bill is more than £105,892 at any one site (or sites qualifying for aggregation), the charge will be based on our large user trade effluent tariff. This includes an annual charge of £21,178.33 in addition to the volumetric charges set out in table 4.5.

Table 4.6 Large user volume charge per cubic meter of trade effluent at average strength

Description	Charge
Reception and Conveyance (R)	12.74 pence per m ³
Primary treatment (V)	14.70 pence per m ³
Biological treatment (B)	18.84 pence per m ³
Solids treatment (S)	18.03 pence per m ³

4.3 Calculated discharges

In the absence of any direct or indirect measurement of trade effluent volumes discharged by the non-household customer, the Trade Effluent volumes shall be assessed in accordance with the Trade Effluent Consent or otherwise in agreement with the non-household customer. This agreed volume of Trade Effluent discharge may be entered as a calculated discharge.

If the non-household customer is consented for the discharge of contaminated surface water and the volume is not metered, we will calculate a discharge volume based on average rainfall over the contaminated surface area as a calculated discharge.

If an installed private trade effluent meter does not have the capacity to record a continuous index read but does measure a total volume of trade effluent discharged, the meter, where necessary, will be registered in the market as a calculated discharge. This will require you to submit these trade effluent volumes as calculated discharge volumes at the submission frequency specified by us.

4.4 Domestic sewage

Where domestic sewage and trade effluent are discharged from a premises, we will assess the amount of domestic sewage based upon the following values in Table 4.7, or by any other agreed method.

Table 4.7 Domestic Sewage assessed volume calculations

Source of Domestic Sewage	Volume of Domestic Sewage (Litres per working day)
Full Time Workers	25
Part Time Workers	13
Drivers	6
Special Hygiene / Person	40
Canteen / Main Meal	25
Shower / Person	50
Auto Flush Cistern	900
Economiser	200
Flat / House Resident	180

5 Indicative special agreement charges

A small number of non-household premises are charged according to special agreements as listed below. The special agreement reference is as published in our Special Agreement Register (2016-17).

5.1 Wastewater special agreements

Premises which receive wastewater charges under a special agreement are charged as follows:

Table 5.1 Charges for special agreement wastewater supplies

Special Agreement reference	<i>Highways drainage</i>	<i>Surface water drainage</i>	<i>Foul drainage</i>	Charge
	Volume Charge - Wastewater (p/m ³)			
TMSSEW1	0.00	0.00	59.85	59.85
TMSSEW2	0.00	0.00	62.15	62.15
Fixed charge per year				
TMSSEW1	£3,195.17	£0.00	£0.00	£3,195.17
TMSSEW2	£3,195.17	£0.00	£0.00	£3,195.17
Supplementary Large User Annual Charge				
TMSSEW1	£0.00	£0.00	£18,836.00	£18,836.00
TMSSEW2	£0.00	£0.00	£18,836.00	£18,836.00

5.2 Trade effluent special agreements

Premises which receive Trade Effluent charges made under a special agreement are charged as follows:

Table 5.2 Charges for special agreement Trade Effluent supplies

	Unit rates are in p/m ³ of trade effluent at average strength				Annual Charge
Special Agreement reference	Reception & Conveyance (R)	Primary Treatment (V)	Biological Treatment (B)	Solids Treatment (S)	Fixed charge
TMSTE1	n/a	15.58	23.49	22.48	n/a
TMSTE3	15.67	18.32	23.49	22.48	£313,523.00
TMSTE4	6.63	8.98	11.50	11.01	£0.00
TMSTE5	15.67	n/a	n/a	n/a	n/a
TMSTE8	n/a	16.25	23.49	22.48	£5,000.00
TMSTE9	n/a	14.70	18.84	18.03	£21,178.33

Where required, charges for Ammoniacal Nitrogen Treatment per mg in excess of 35mg/l expressed as a fraction of 35 are also applied at a rate of 2.84 pence per m³.

Contact Us

On-line:

www.thameswater.co.uk/wholesale

By email to:

wholesalemarketservices@thameswater.co.uk

By post to:

Wholesale Market Services

Clearwater Court

Vastern Road

Reading

RG1 8DB

By telephone:

For queries relating to these wholesale charges, you can speak to Wholesale Market Services during business hours on 0800 009 3975.

For water and wastewater emergencies and enquiries, please contact our 24 hour operational contact centre on 0800 316 9800.