

# Yorkshire Water Wholesale Board Assurance Statement 2022/2023

Version 2 published February 2022



YorkshireWater

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# Navigating this document

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There are also many other clickable links within this document which we've made easy to spot by underlining and **highlighting** them in blue. If you click on one of these links, but then wish to navigate back to the page you were viewing previously, simply click the 'Back' button at the top of the page.

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04/02/2022

We have republished this document due to an error on page 29. In the original publication on the 13 January 2022 we incorrectly showed the p/kg charge for sludge disposal instead of the p/m<sup>3</sup> charge.

# 1. 2022/2023 Wholesale Charges Board Assurance Statement



# 2022/2023 Wholesale Charges Board Assurance Statement

**In making this Assurance Statement, the Board has considered the requirements set out by Ofwat in its Wholesale Charging Rules, published in October 2021, and confirms that, to the best of its knowledge, having made all due inquiries and based on sources of evidence, that:**

- a) the Company complies with its legal obligations relating to the Wholesale Charges it has published;
- b) the Board has assessed the effects of the new charges on water supply and sewerage licensees (as a whole or in groups) who are retailing wholesale services and on customers occupying Eligible Premises (as a whole or in groups) and approves the impact assessments and handling strategies developed in instances where bill increases for licensees (as a whole or in groups) who are retailing wholesale services and on customers occupying Eligible Premises (as a whole or in groups) exceed 5%;
- c) the Company has appropriate systems and processes in place (including up-to-date models and data) to make sure that the information published about its Wholesale Charges is accurate;
- d) the Company has consulted with relevant stakeholders in a timely and effective manner on its Wholesale Charges; and
- e) where final Wholesale Charges are significantly different from the indicative Wholesale Charges published for the same period, the Board has considered the reasons why those changes occurred and has issued a statement explaining why those changes were not anticipated and/or mitigated.

The Board notes that the final Wholesale Charges are different from the indicative Wholesale Charges published of the same period. The Board has considered the reasons why those changes occurred and has noted that it is due to the following:

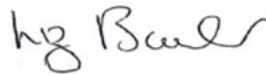
- The outcome delivery incentives (ODI) in period adjustment for 2020-2021 performance was finalised in November 2021.
- The ongoing Covid-19 impact on operations has resulted in reforecasts to consumption information for household and non-household customers.
- The November 2021 CPIH is higher than previously included in the indicative Wholesale Charges.

**The Board owns and is accountable for the development of the Wholesale Charges document. The Wholesale Charges document and this supporting Assurance Statement was approved collectively by the Board in January 2022.**

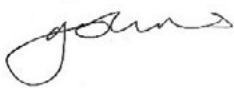
**Signed by Yorkshire Water Services Limited Board of Directors**



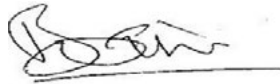
**Vanda Murray**  
Independent Chair



**Liz Barber**  
Chief Executive Officer



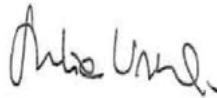
**Chris Johns**  
Chief Finance Officer



**Raymond O'Toole**  
Independent Non-Executive Director



**Andrew Merrick**  
Independent Non-Executive Director



**Julia Unwin**  
Independent Non-Executive Director



**Andrew Wyllie**  
Independent Non-Executive Director



**Andrew Dench**  
Non-Executive Director



**Scott Auty**  
Non-Executive Director

# **2. Charges data assurance summary – Yorkshire Water Services Ltd**



# Charges data assurance summary – Yorkshire Water Services Ltd

The governance in place and the assurance process detailed below in the production of the Wholesale Charges, allows the Board to review and provide confidence in the charges we publish and the assurance processes we have followed.

The Board of Directors sign the 'Board Assurance Statement' which confirms:

The Charges comply with our legal requirements.

The Board has reviewed the effects of the 2022-2023 charges on customer bills for a range of customer types to assess if bill increases have exceeded 5%.

We have consulted with the relevant stakeholders in a timely and effective manner.

Appropriate systems and processes are in place to ensure the data and information contained in the Charges and additional information is accurate.

## Completed assurance levels explained

By mapping our assurance activities into three levels, the Board are given confidence that sufficient assurance is provided at the right time. Challenges can be investigated and an explanation provided at the earliest opportunity. A description of the levels of assurance is provided in the diagram on the next page. This includes both internal and external review.



## Charges assurance levels explained



## Level 1:

- All data inputs into the tariff model are from assured data sources, internal experts or forecasted.
- The tariff model is updated, and calculation input checks are reviewed.
- All movements in tariffs are reviewed and bill impacts assessed.
- Level 1 assurance ensures we remain compliant with the relevant revenue controls.
- Level 1 assurance confirms we are compliant with the published charges principles and guidelines.

## Level 2:

- The Tariff Steering Group, which included internal business experts in regulatory finance, retail services and tariffs held several meetings to discuss charging policy, strategy and governance.
- A qualified member of our internal legal team is asked to agree any changes to the charges scheme book.
- The Tariff Steering Group has confirmed that the methodology has been followed, the resulting charges comply with the charging guidance requirements, the proposed tariffs meet regulatory requirements and the assurance process has been completed.

## Level 3:

- External independent assurance was provided by our assurance provider Baringa, they;
  - audited the charges model to ensure the calculations are robust and the model is fit for purpose.
  - audited the charges model for compliance with charging principles and guidelines.
- A paper is submitted to the Board which contains;
  - a summary of both auditor’s findings – this allows a check to the Charging principles and guidelines;
  - the timetable for completion – this gives confidence the process is under control and all reporting requirements will be achieved;
  - tables comparing charges – this provides a transparent review of the movements in charges.
- Internal Audit complete an annual billing audit, to confirm that the tariffs have been included within the billing system correctly.

## There are two Board Assurance Statements;

- Charges Scheme – this relates to the end user charges.
- Wholesale Charges – excluding retail.

These are clearly visible in the separate sections to which they apply.

[yorkshirewater.com/our-charges](http://yorkshirewater.com/our-charges)

[yorkshirewater.com/business/wholesale-charges](http://yorkshirewater.com/business/wholesale-charges)

# 3. Wholesale Charges rules compliance review



### 3. Wholesale Charges rules compliance review

Rule number	Scheme rule	Are we compliant?	Evidence
1 – 6	<b>Introduction and interpretation</b>	n/a	
	<b>Publication</b>		
7	Each water undertaker must publish the Wholesale Charges payable by a water supply licensee for the supply of water to Eligible Premises that are connected to the undertaker's supply system. This includes the Eligible Premises to which a Special Agreement would otherwise apply (although nothing in these rules requires the publication of a customer's name or address).	Compliant	We will publish our final wholesale charges on the 13 January 2022, in line with Ofwat requirements. This will include the Eligible Premises to which a Special Agreement would apply.
8	Each sewerage undertaker whose area is wholly or mainly in England must publish the Wholesale Charges payable by a sewerage licensee in respect of the provision of sewerage services to Eligible Premises that are connected to the undertaker's sewerage system. This includes the Eligible Premises to which a Special Agreement would otherwise apply (although nothing in these rules requires the publication of a customer's name or address).	Compliant	As above.
9	Each relevant undertaker must also, as a minimum, publish the Wholesale Charges (or the methodology for calculating such charges where the charges cannot be determined in advance) that would, where relevant, be payable by a water supply or sewerage licensee for: <ul style="list-style-type: none"> <li>(a) the replacement of lead service pipes;</li> <li>(b) the provision and maintenance of fire hydrants;</li> <li>(c) damage to apparatus;</li> <li>(d) the carrying out of inspections to ascertain whether any provision contained in or made or having effect under the Water Industry Act 1991 with respect to any water fittings or with respect to the waste or misuse of water is being or has been contravened;</li> <li>(e) site inspections;</li> <li>(f) the provision and use of standpipes</li> <li>(g) the testing of metres; and</li> <li>(h) the disconnection of a service pipe (or for otherwise cutting off a supply of water) to any premises and the reconnection of such premises to a water main.</li> </ul>	Compliant	The list of non-primary charges includes but is not limited to those set out in the wholesale charging rules.
10	Wholesale Charges must be published by 13 January in the year immediately preceding the Charging Year in relation to which they have effect.	Compliant	The wholesale charges will be published on the 13 January 2022 in line with the wholesale charging rules.

Rule number	Scheme rule	Are we compliant?	Evidence
11	Wholesale Charges must be published on a relevant undertaker’s website and in such other manner as the undertaker considers appropriate for the purpose of bringing it to the attention of persons likely to be affected by it.	Compliant	We clearly publish current and prior year wholesale charges on our website, within the ‘Business’ section, under ‘Useful Information’ – Wholesale Charges.
12	Wholesale Charges must be published with such additional information or explanation as is necessary to make clear what services are covered by each charge.	Compliant	You will find additional information and an explanation of the services covered by each charge in the Wholesale Charges 2022-2023.
<b>General charging principles</b>			
13	Relevant undertakers whose areas are wholly or mainly in England must determine what types of charges may or may not be imposed and the amount of any charges that may be imposed in accordance with the principle that Wholesale Charges should reflect:  (a) fairness and affordability; (b) environmental protection; (c) stability and predictability; and (d) transparency and customer-focused service	Compliant	The charges imposed are aligned to the total allowable revenue forecasts published in the PR19 Final Determination, reflecting the allowable expenditure over AMP7.
<b>Principles for determining the amount of charges</b>			
14	Consistent principles and methodologies must be applied to the calculation of charges for different classes of Eligible Premises, regardless of the services provided.	Compliant	We confirm that the same principles and methodologies have been applied as previous years. Calculations and methods are unchanged. Where appropriate data is drawn directly from the 2020-2021 APR submission.
15	Charging structures must reflect the long-run costs associated with providing the relevant service.	Compliant	There have been no changes to the charging structure during the year. As long-run costs are built in to the total allowable revenue published in the FD, and the charging structure is aligned to the total allowable revenue in the FD.
16	Differences between charges for services provided to Eligible Premises that are larger users of water and sewerage services and charges for services provided to Eligible Premises that are smaller users of water and sewerage services must only be based on cost differences associated with differential use of network assets, differential peaking characteristics, different service levels and/ or different service measurement accuracy.	Compliant	We apply a ‘falling block’ tariff structure to account for different customer types, seasonal peaking characteristics are not applied.
17	Where cost differences associated with differential peaking characteristics are used as a basis for differences between charges for services provided to Eligible Premises that are larger users of water and charges for services provided to Eligible Premises that are smaller users of water, the charges fixed on that basis must be structured on an appropriate peak demand basis.	Compliant	No seasonal differentials or peaking characteristics are applied.

Rule number	Scheme rule	Are we compliant?	Evidence
18	Charges for sewerage services must take into account the different pollutant loads associated with foul water, trade effluent, surface water draining from Eligible Premises and surface water draining from highways.	Compliant	Separate tariffs apply to the different customer types, the current charging structure separates charges between sewerage service, trade effluent, surface water from premises, foul water and surface water from highways.
<b>Unmetered charges</b>			
19	No Unmetered Wholesale Charges may be imposed unless the basis on which those charges are fixed or determined is clear and, in the case of Rateable Value Charges, it is clear:  (a) which Rating Valuation List charges are fixed or determined by reference to;  and  (b) if the undertaker uses a different value or other amount to that specified in such a list, the methodology or other basis on which that different value or other amount is calculated.	Compliant	The basis of unmetered wholesale charges is consistent with previous years – based on property rating valuations, which are unchanged since 1989.
<b>Wastewater charges</b>			
20	Sewerage undertakers whose area is wholly or mainly in England must, in relation to each period beginning on or after 1 April 2020, separate Wholesale Charges for sewerage services provided to Eligible Premises into separate charges for the reception, treatment and disposal of:  (a) foul water; (b) trade effluent; (c) surface water draining from Eligible Premises; and (d) surface water draining from highways.	Compliant	Separate tariffs apply to the different customer types, the current charging structure separates charges between sewerage service, trade effluent, surface water from premises, foul water and surface water from highways.
21	Sewerage undertakers must provide for an appropriate reduction in the Wholesale Charges payable for the provision of sewerage services to any Eligible Premises where the sewerage undertaker knows, or should reasonably have known, that surface water does not drain to a public sewer from those premises.	Compliant	As detailed in the wholesale charges book, where a Retailer successfully demonstrates a reduction in the chargeable site area, the refund will be applied from the start of the year. Where it is demonstrated no surface water drainage charge is due a refund up to six years will be made.
<b>Trade effluent</b>			
22	Charges to be paid in connection with the carrying out of a sewerage undertaker's trade effluent functions must be based on the Mogden Formula, a reasonable variant of the Mogden formula or on a demonstrably more cost-reflective basis.	Compliant	We confirm that trade effluent charges are based on the application of the Mogden Formula.

Rule number	Scheme rule	Are we compliant?	Evidence
<b>Concessionary drainage charges</b>			
23	The Wholesale Charges published by each sewerage undertaker must set out: (a) the classes of community group (if any) in relation to which the undertaker allows reductions in the Wholesale Charges payable by a sewerage licensee in respect of surface water drainage from Eligible Premises; and (b) the reductions allowed.	Compliant	We do not apply concessionary drainage rates or reductions in charges to community groups, as the surface water charge differentials are not significant.
24	Where a sewerage undertaker's charges scheme under section 143 of the Water Industry Act 1991 includes a provision designed to reduce charges to community groups in respect of surface water drainage from their Eligible Premises, the amount of Wholesale Charges payable by a sewerage licensee in respect of the provision of sewerage services to Eligible Premises occupied by community groups must be determined in accordance with the principles that: (a) Wholesale Charges must be reduced in relation to the same classes of community group; and (b) the reductions in Wholesale Charges must be the same and apply for the same period.	Compliant	We do not apply concessionary drainage rates or reductions in charges to community groups, as the surface water charge differentials are not significant.
<b>Special Agreements</b>			
25	Where a Special Agreement would apply to the provision of services to Eligible Premises if the undertaker continued to provide the services, a relevant undertaker must impose on a water supply licensee or, as the case may be, a sewerage licensee only such charges as would enable the licensee to charge for those services at the same rate or rates as would have applied if the Special Agreement had applied.	Compliant	We have included the details of our special agreements – YKPOT1 to YKPOT47.
<b>Small companies</b>			
26	Paragraph 10 of these rules does not apply to Small Companies. Instead Small Companies must publish their Wholesale Charges (or the methodology for calculating such charges) no later than 28 January in the year immediately preceding the Charging Year in relation to which they have effect.		

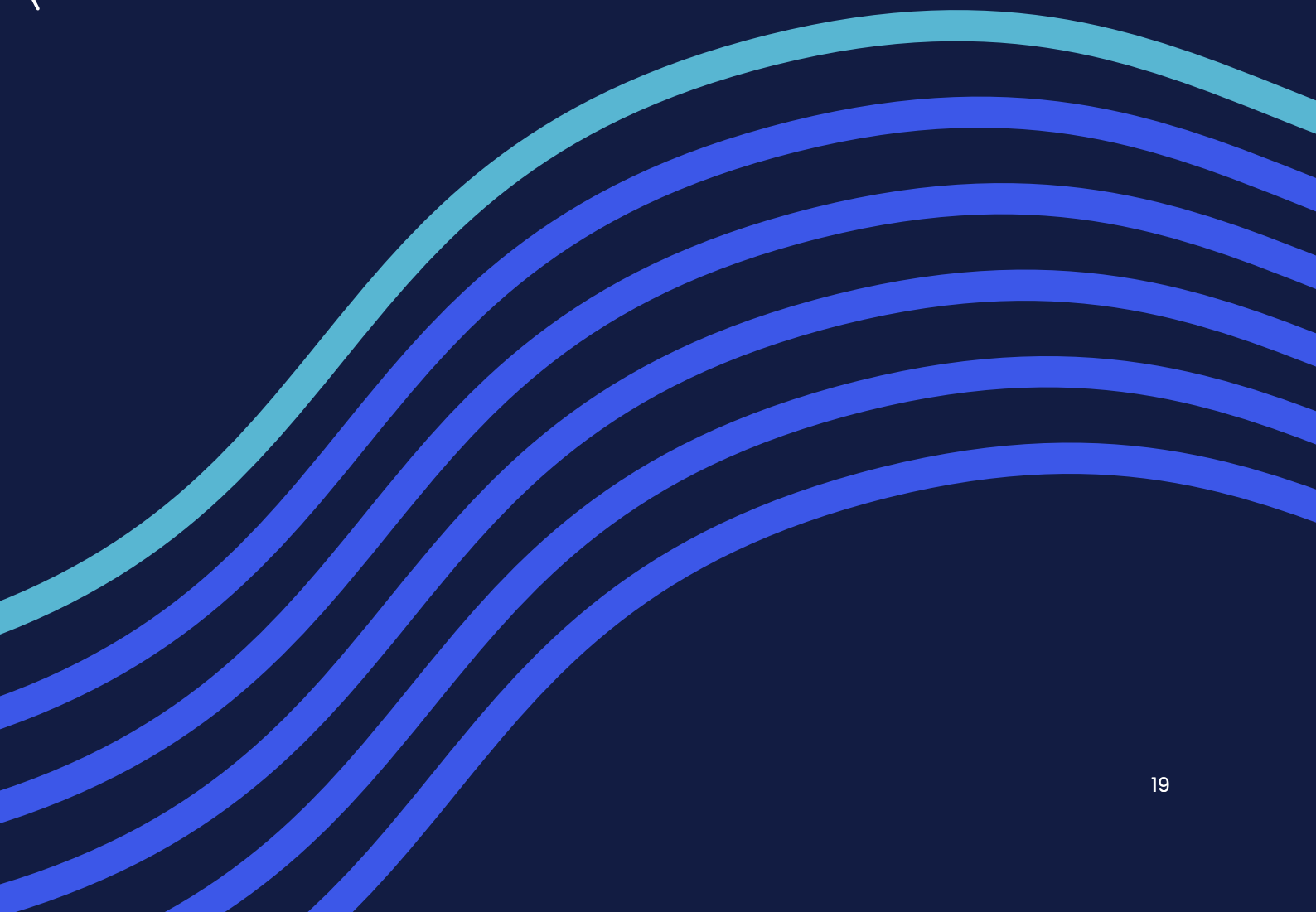
Rule number	Scheme rule	Are we compliant?	Evidence
<b>Annex: Information requirements</b>			
A1	Each undertaker should provide to the Ofwat an assurance statement from its Board of Directors and publish its statement no later than the time of publication of its final Wholesale Charges confirming that:		
	(a) the company complies with its legal obligations relating to the Wholesale Charges it has published;	Compliant	The audit report from Baringa provided assurance to the board we are compliant with our legal obligations relating to the wholesale charges we publish.
	(b) the Board has assessed the effects of the new charges on water supply and sewerage licensees (as a whole or in groups) who are retailing wholesale services and on customers occupying Eligible Premises (as a whole or in groups) and approves the impact assessments and handling strategies developed in instances where bill increases for licensees (as a whole or in groups) who are retailing wholesale services and on customers occupying Eligible Premises (as a whole or in groups) exceed 5%;	Compliant	Assuming a constant level of consumption for a representative range of customer types we have not found any customer group who will experience a bill increase greater than 5%.
	(c) the company has appropriate systems and processes in place (including up-to-date models and data) to make sure that the information published about its Wholesale Charges is accurate;	n/a	Baringa provided assurance on the charges model its inputs and calculations. The Board was provided with a detailed report.
	(d) the company has consulted with relevant stakeholders in a timely and effective manner on its Wholesale Charges; and	Compliant	See stakeholder consultation table.
	(e) where final Wholesale Charges are significantly different from the indicative Wholesale Charges published for the same period, the Board has considered the reasons why those changes occurred and has issued a statement explaining why those changes were not anticipated and/or mitigated. For these purposes, "indicative Wholesale Charges" means the information referred to in A3 below and charges are "significantly different" if a reasonable person would consider the changes to be material.	n/a	<p>The final Wholesale Charges are different to the Indicative Wholesale Charges due to the following changes:</p> <ul style="list-style-type: none"> <li>• The outcome delivery incentives (ODI) in period adjustment for 2020-2021 performance was finalised in November 2021.</li> <li>• The ongoing Covid-19 impact on operations has resulted in reforecasts to consumption information for household and non-household customers.</li> <li>• The November 2021 CPIH is higher than previously included in the indicative Wholesale Charges.</li> </ul>



Rule number	Scheme rule	Are we compliant?	Evidence
<b>Indicative charging information</b>			
A2	A2 Not used	n/a	
A3	No later than 13 October, each undertaker (other than a small company) should provide to the Ofwat and publish indicative Wholesale Charges. For these purposes, "indicative Wholesale Charges" are the primary Wholesale Charges that the undertaker reasonably expects to fix for the following period (based on the information available to it at that time)	Compliant	Published October 2021
A4	<p>No later than 13 October, each undertaker (other than a small company) should, if it intends to make any significant changes to its primary Wholesale Charges, provide to the Ofwat and publish a statement of significant changes. For these purposes:</p> <p>(a) changes to the level of primary Wholesale Charges, or to the methodology for calculating them, will be significant if a reasonable person would consider them to be material; and</p> <p>(b) a statement of significant changes should include:</p> <p>(i) what changes are expected;</p> <p>(ii) how water supply and sewerage licensees (as a whole or in groups) and customers occupying Eligible Premises (as a whole or in groups) are likely to be affected; and</p> <p>(iii) the handling strategies that may be adopted by the undertaker or why the undertaker considers that no handling strategies are required.</p>	Compliant	Published October 2021

Rule number	Scheme rule	Are we compliant?	Evidence
A5	<p>Each undertaker (other than a small company) should provide to the Ofwat an assurance statement from its Board of Directors and publish its statement no later than 13 October confirming, using the best available information available at that time, that:</p> <p>(a) the company complies with its legal obligations relating to the indicative Wholesale Charges it has published;</p> <p>(b) the Board has assessed the effects of the new charges on water supply and sewerage licensees (as a whole or in groups) who are retailing wholesale services and on customers occupying Eligible Premises (as a whole or in groups) and approves the impact assessments and handling strategies developed in instances where bill increases for licensees (as a whole or in groups) who are retailing wholesale services to eligible customers and on customers occupying Eligible Premises (as a whole or in groups) exceed 5%;</p> <p>(c) the company has appropriate systems and processes in place (including up-to-date models and data) to make sure that the information published about its indicative Wholesale Charges is accurate; and</p> <p>(d) the company has consulted with relevant stakeholders in a timely and effective manner on its indicative Wholesale Charges.</p>	Compliant	Published October 2021

# 4. Stakeholder consultation table



Stakeholder consultation table

Date	Overview	Details of correspondence	Yorkshire Water Response
10/08/2021	CCWater request for information on 2021/2022 impacts.	We received a request for information from CCWater for an update on our plans for 2022/2023 charges with respect to whether we are planning any changes to our charges or attempting any rebalancing of charges that could potentially create bill shocks (or changes in charges which are significantly different from the norm) for some customers.	We responded by email on 30 September 2021 stating that we currently have no plans that should create bill shock at this stage of the charge setting process.
07/10/2021	The Yorkshire Water Wholesale Non Household Charges Scheme consultation was sent to all contracted Retailers on the 7 October 2021.	<p>The aim of this survey was to capture Retailers feedback on the 2021/2022 charges scheme and encourage feedback on what future changes they would like to see. The survey had 10 questions and focused on three keys areas:</p> <ul style="list-style-type: none"> <li>• Transparency</li> <li>• Ease of use</li> <li>• Simplicity.</li> </ul>	The survey is due to close at the end of October. Once the survey has closed Yorkshire Water will review the feedback and make recommendations for any improvements if necessary.
To be arranged for November 2021	A liaison meeting with CCWater will be arranged to discuss any impacts of updates to forecasts of CPIH, customer and consumption assumptions.		

# **5. Revenue control compliance 2022/2023 review**

<b>Final Determination – Revenue Control</b>	<b>Wholesale water (£m)</b>	<b>Wholesale wastewater (£m)</b>	<b>Total (£m)</b>
Allowed Revenue	499	581	1,080
In period ODI adjustment	(10)	10	(0)
In period RFI adjustment	(12)	(4)	(16)
Adjusted allowed revenue	476	588	1,064
Forecasted Revenue	476	588	1,064
Variance	-	-	-

# 6. Non-household indicative wholesale charges 2022/2023 review



## Reconciliation of wholesale charges to indicative wholesale charges – Yorkshire Water unmeasured water charges (excluding York Waterworks).

Description	Units	2022/2023 Indicative wholesale non-household charges	2022/2023 Wholesale non-household charges	Movement %	CMOS Tariff Code	CMOS Tariff Name	CMOS Tariff Report Name
<b>Unmeasured non-household</b>							
Rateable value charge	p/£RV	165.12	167.53	1.44%	UWVYWS	Unmeasured Water	UWRV Poundage
Fixed charge (low consumption)	£/annum	43.26	43.87	1.39%	UWVYWS	Unmeasured Water	UWFixed Charge
<b>Assessed non-household</b>							
Fixed charge (low consumption)	£/annum	43.26	43.87	1.39%	AWIYWS	Assessed Water	AWBand Charge – Band 1
Assessed – Small (145m <sup>3</sup> )	£/annum	209.11	212.04	1.38%	AWIYWS	Assessed Water	AWBand Charge – Band 2
Assessed – Medium (255m <sup>3</sup> )	£/annum	367.75	372.89	1.38%	AWIYWS	Assessed Water	AWBand Charge – Band 3
Assessed – Large (550m <sup>3</sup> )	£/annum	793.18	804.28	1.38%	AWIYWS	Assessed Water	AWBand Charge – Band 4
Assessed – Extra large (1,000m <sup>3</sup> )	£/annum	1,442.15	1,462.33	1.38%	AWIYWS	Assessed Water	AWBand Charge – Band 5
<b>Measured non-household</b>							
<b>Volumetric charge less than 50 thousand cubic metres p.a.</b>							
Standard tariff: 0-5 thousand cubic metres per annum	p/m <sup>3</sup>	144.22	146.23	1.37%	MWIYWS	Measured Water	Metered Volumetric Charges
Standard tariff: 5-50 thousand cubic metres per annum	p/m <sup>3</sup>	144.22	146.23	1.37%	MWIYWS	Measured Water	Metered Volumetric Charges
<b>Volumetric charge more than 50 thousand cubic metres p.a.</b>							
Banded tariff: <50 thousand cubic metres per annum	p/m <sup>3</sup>	144.22	146.23	1.37%	MWIYWS	Measured Water	Metered Volumetric Charges
Banded tariff: >50 to 250 thousand cubic metres per annum	p/m <sup>3</sup>	92.09	93.38	1.38%	MWIYWS	Measured Water	Metered Volumetric Charges
Banded tariff: >250 thousand cubic metres per annum	p/m <sup>3</sup>	77.73	78.82	1.38%	MWIYWS	Measured Water	Metered Volumetric Charges



## Reconciliation of wholesale charges to indicative wholesale charges – York Waterworks.

Description	Units	2022/2023 Indicative wholesale non-household charges	2022/2023 Wholesale non-household charges	Movement %	CMOS Tariff Code	CMOS Tariff Name	CMOS Tariff Report Name
<b>Unmeasured non-household</b>							
Rateable value charge	p/£RV	95.43	96.82	1.44%	UWVYOR	Unmeasured Water (York)	UWRV Poundage
Fixed charge (low consumption)	£/annum	23.97	24.31	1.40%	UWFYOR	Unmeasured Water (York)	UWFixed Charge
<b>Assessed non-household</b>							
Fixed charge (low consumption)	£/annum	23.97	24.31	1.40%	AWIYOR	Assessed Water (York)	AWBand Charge – Band 1
Assessed – Small (145m <sup>3</sup> )	£/annum	115.87	117.49	1.38%	AWIYOR	Assessed Water (York)	AWBand Charge – Band 2
Assessed – Medium (255m <sup>3</sup> )	£/annum	203.77	206.62	1.38%	AWIYOR	Assessed Water (York)	AWBand Charge – Band 3
Assessed – Large (550m <sup>3</sup> )	£/annum	439.50	445.65	1.38%	AWIYOR	Assessed Water (York)	AWBand Charge – Band 4
Assessed – Extra large (1,000m <sup>3</sup> )	£/annum	799.09	810.27	1.38%	AWIYOR	Assessed Water (York)	AWBand Charge – Band 5
<b>Measured non-household</b>							
<b>Volumetric charge less than 50 thousand cubic metres p.a.</b>							
Standard tariff: 0-5 thousand cubic metres per annum	p/m <sup>3</sup>	79.91	81.03	1.38%	MWIYOR	Measured Water (York)	Metered Volumetric Charges
Standard tariff: 5-50 thousand cubic metres per annum	p/m <sup>3</sup>	79.91	81.03	1.38%	MWIYOR	Measured Water (York)	Metered Volumetric Charges
<b>Volumetric charge more than 50 thousand cubic metres p.a.</b>							
Banded tariff: <50 thousand cubic metres per annum	p/m <sup>3</sup>	79.91	81.03	1.38%	MWIYOR	Measured Water (York)	Metered Volumetric Charges
Banded tariff: >50 to 250 thousand cubic metres per annum	p/m <sup>3</sup>	70.20	71.18	1.38%	MWIYOR	Measured Water (York)	Metered Volumetric Charges
Banded tariff: >250 thousand cubic metres per annum	p/m <sup>3</sup>	70.20	71.18	1.38%	MWIYOR	Measured Water (York)	Metered Volumetric Charges

## Reconciliation of wholesale charges to indicative wholesale charges – Sewerage Charges.

Description	Units	2022/2023 Indicative wholesale non-household charges	2022/2023 Wholesale non-household charges	Movement %	CMOS Tariff Code	CMOS Tariff Name	CMOS Tariff Report Name
<b>Unmeasured non-household</b>							
Rateable Value charge – Foul charge	p/£RV	168.47	171.06	1.51%	N/A	N/A	N/A
Rateable Value charge – HWD charge	p/£RV	16.87	17.12	1.46%	N/A	N/A	N/A
Rateable value charge – Total	p/£RV	185.34	188.18	1.51%	USVYWS	Unmeasured Sewerage	USRV Poundage
Fixed charge (low consumption)	£/annum	50.12	50.78	1.30%	USFYWS	Unmeasured Sewerage	USFixed Charge
<b>Assessed non-household</b>							
Fixed charge (low consumption)	£/annum	50.12	50.78	1.30%	ASIVWS	Assessed Sewerage	AWBand Charge – Band 1
Assessed – Small (145m <sup>3</sup> ) – Foul charge	£/annum	220.21	223.11	1.30%	N/A	N/A	N/A
Assessed – Small (145m <sup>3</sup> ) – HWD charge	£/annum	22.05	22.34	1.30%	N/A	N/A	N/A
Assessed – Small (145m <sup>3</sup> ) – Total	£/annum	242.26	245.45	1.30%	ASIVWS	Assessed Sewerage	AWBand Charge – Band 2
Assessed – Medium (255m <sup>3</sup> ) – Foul charge	£/annum	387.27	392.38	1.30%	N/A	N/A	N/A
Assessed – Medium (255m <sup>3</sup> ) – HWD charge	£/annum	38.77	39.28	1.30%	N/A	N/A	N/A
Assessed – Medium (255m <sup>3</sup> ) – Total	£/annum	426.04	431.66	1.30%	ASIVWS	Assessed Sewerage	AWBand Charge – Band 3
Assessed – Large (550m <sup>3</sup> ) – Foul charge	£/annum	835.29	846.30	1.30%	N/A	N/A	N/A
Assessed – Large (550m <sup>3</sup> ) – HWD charge	£/annum	83.62	84.72	1.30%	N/A	N/A	N/A
Assessed – Large (550m <sup>3</sup> ) – Total	£/annum	918.91	931.02	1.30%	ASIVWS	Assessed Sewerage	AWBand Charge – Band 4
Assessed – Extra large (1,000m <sup>3</sup> ) – Foul charge	£/annum	1,518.70	1,538.72	1.30%	N/A	N/A	N/A
Assessed – Extra large (1,000m <sup>3</sup> ) – HWD charge	£/annum	152.04	154.04	1.30%	N/A	N/A	N/A
Assessed – Extra large (1,000m <sup>3</sup> ) – Total	£/annum	1,670.74	1,692.76	1.30%	ASIVWS	Assessed Sewerage	AWBand Charge – Band 5

## Reconciliation of wholesale charges to indicative wholesale charges – Sewerage Charges.

Description	Units	2022/2023 Indicative wholesale non-household charges	2022/2023 Wholesale non-household charges	Movement %	CMOS Tariff Code	CMOS Tariff Name	CMOS Tariff Report Name
<b>Measured non-household</b>							
<b>Volumetric charge less than 50 thousand cubic metres p.a.</b>							
Standard tariff 0-5 thousand cubic metres per annum – Foul charge	p/m <sup>3</sup>	159.87	161.98	1.30%	N/A	N/A	N/A
Standard tariff 0-5 thousand cubic metres per annum – HWD charge	p/m <sup>3</sup>	16.00	16.21	1.30%	N/A	N/A	N/A
Standard tariff: 0-5 thousand cubic metres per annum – Total	p/m <sup>3</sup>	175.87	178.19	1.30%	MSIYWS	Measured Sewerage	Metered Volumetric Charges
Standard tariff 5-50 thousand cubic metres per annum – Foul charge	p/m <sup>3</sup>	159.87	161.98	1.30%	N/A	N/A	N/A
Standard tariff 5-50 thousand cubic metres per annum – HWD charge	p/m <sup>3</sup>	16.00	16.21	1.30%	N/A	N/A	N/A
Standard tariff: 5-50 thousand cubic metres per annum – Total	p/m <sup>3</sup>	175.87	178.19	1.30%	MSIYWS	Measured Sewerage	Metered Volumetric Charges
<b>Volumetric charge more than 50 thousand cubic metres p.a.</b>							
Banded tariff: <50 thousand cubic metres per annum – Foul charge	p/m <sup>3</sup>	159.87	161.98	1.30%	MSIYWS	Measured Sewerage	Metered Volumetric Charges
Banded tariff: <50 thousand cubic metres per annum – HWD charge	p/m <sup>3</sup>	16.00	16.21	1.30%	MSIYWS	Measured Sewerage	Metered Volumetric Charges
Banded tariff: <50 thousand cubic metres per annum – Total	p/m <sup>3</sup>	175.89	178.19	1.30%	MSIYWS	Measured Sewerage	Metered Volumetric Charges

## Reconciliation of wholesale charges to indicative wholesale charges – Sewerage Charges.

Description	Units	2022/2023 Indicative wholesale non-household charges	2022/2023 Wholesale non-household charges	Movement %	CMOS Tariff Code	CMOS Tariff Name	CMOS Tariff Report Name
Banded tariff: >50 to 250 thousand cubic metres per annum	p/m <sup>3</sup>	142.15	144.02	1.30%	FS2YWS	Measured Sewerage Falling Block 2	Metered Volumetric Charges
Banded tariff: >250 thousand cubic metres per annum	p/m <sup>3</sup>	129.75	131.46	1.30%	FS3YWS	Measured Sewerage Falling Block 3	Metered Volumetric Charges
<b>Surface water charges</b>							
Surface water drainage: Band – A – Up to 500m <sup>2</sup>	£/annum	49.49	50.25	1.51%	SSIYWS	Surface Water Drainage	SWBandCharge – Band 1
Surface water drainage: Band – B – Up to 750m <sup>2</sup>	£/annum	99.00	100.52	1.51%	SSIYWS	Surface Water Drainage	SWBandCharge – Band 2
Surface water drainage: Band – C – Up to 1,000m <sup>2</sup>	£/annum	148.50	150.78	1.51%	SSIYWS	Surface Water Drainage	SWBandCharge – Band 3
Surface water drainage: Band – D – Up to 2,000m <sup>2</sup>	£/annum	198.00	201.03	1.51%	SSIYWS	Surface Water Drainage	SWBandCharge – Band 4
Surface water drainage: Band – E – Up to 15,000m <sup>2</sup>	£/annum	396.00	402.07	1.51%	SSIYWS	Surface Water Drainage	SWBandCharge – Band 5
Surface water drainage: Band – F – Up to 35,000m <sup>2</sup>	£/annum	2,969.97	3,015.52	1.51%	SSIYWS	Surface Water Drainage	SWBandCharge – Band 6
Surface water drainage: Band – G – Up to 150,000m <sup>2</sup>	£/annum	6,929.94	7,036.21	1.51%	SSIYWS	Surface Water Drainage	SWBandCharge – Band 7
Surface water drainage: Band – H – Over 150,000m <sup>2</sup>	£/annum	29,699.74	30,155.18	1.51%	SSIYWS	Surface Water Drainage	SWBandCharge – Band 8

## Reconciliation of wholesale charges to indicative wholesale charges – Trade effluent charges.

Description	Units	2022/2023 Indicative wholesale non-household charges	2022/2023 Wholesale non-household charges	Movement %	CMOS Tariff Code	CMOS Tariff Name	CMOS Tariff Report Name
Standard tariff: <5 thousand cubic metres per annum	p/m <sup>3</sup>	51.99	52.68	1.31%	TEIYWS / TFIYWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as RoBT
Standard tariff: 5>50 thousand cubic metres per annum	p/m <sup>3</sup>	51.99	52.68	1.31%	TEIYWS / TFIYWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as RoBT
Banded tariff: <50 thousand cubic metres per annum	p/m <sup>3</sup>	51.99	52.68	1.31%	TEIYWS / TFIYWS	Trade Effluent Falling Block 1	Labelled as RoBT
Banded tariff: >50 to 250 thousand cubic metres per annum	p/m <sup>3</sup>	29.34	29.73	1.31%	TEIYWS / TF2YWS	Trade Effluent Falling Block 2	Labelled as RoBT
Banded tariff: >250 thousand cubic metres per annum	p/m <sup>3</sup>	19.60	19.86	1.31%	TEIYWS / TF3YWS	Trade Effluent Falling Block 3	Labelled as RoBT
V – Preliminary treatment charge	p/m <sup>3</sup>	51.41	52.09	1.31%	TEIYWS / TFIYWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as Vo
B – Biological treatment	p/m <sup>3</sup>	46.62	47.24	1.31%	TEIYWS / TFIYWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as BoBt
S – Sludge disposal charge**	p/m <sup>3</sup>	30.62	31.20	1.30%	TEIYWS / TFIYWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as So
Minimum charge (Annual)	£/annum	494.32	500.83	1.30%	TEIYWS / TFIYWS / TF2YWS / TF3YWS	Trade Effluent	TEMinCharge
Os – Biological strength of combined sewage	mg/litre COD	840.00	840.00	0.00%	TEIYWS / TFIYWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as Os
Ss – Sludge strength of combined sewage	mg/litre StS	335.00	335.00	0.00%	TEIYWS / TFIYWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as Ss

\*\* In the original publication on the 13 January 2022 we incorrectly showed the p/kg charge for sludge disposal.

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