

Yorkshire Water Wholesale Board Assurance Statement 2020-2021

Published January 2020

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1. 2020-2021 Wholesale Charges Board Assurance Statement

2020-2021 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 December 2018 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;*
- e) the Board notes that the wastewater final Wholesale Charges are significantly different from the wastewater indicative Wholesale Charges published for the same period. The Board has considered the reasons why those changes occurred and has noted that it is due to the increase seen in allowed wastewater wholesale revenues within the PR19 Final Determination. This increase was above the anticipated range that the company used for the indicative Wholesale Charges. This increase was 5% above the draft determination representation.*
- f) the Board notes that in addition to the material change detailed above, there has also been a reflection in the charges regarding updated forecast information of non-household volumes and properties. This information relates mainly to a large customer business plan, which was not available to the company at the time of 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 2020.

2020-2021 Wholesale Charges Board Assurance Statement

Signed by Yorkshire Water Services Limited Board of Directors



Anthony Rabin
Independent Non-Executive Chairman



Liz Barber
Chief Executive Officer



Nevil Muncaster
Chief Strategy and Regulation Officer



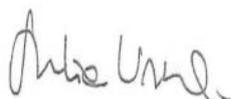
Andrew Merrick
Independent Non-Executive Director



Raymond O'Toole
Independent Non-Executive Director



Andrew Wyllie
Independent Non-Executive Director



Julia Unwin
Independent Non-Executive Director



Scott Auty
Non-Executive Director



Andrew Dench
Non-Executive Director



Mike Osborne
Non-Executive Director

2. 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.

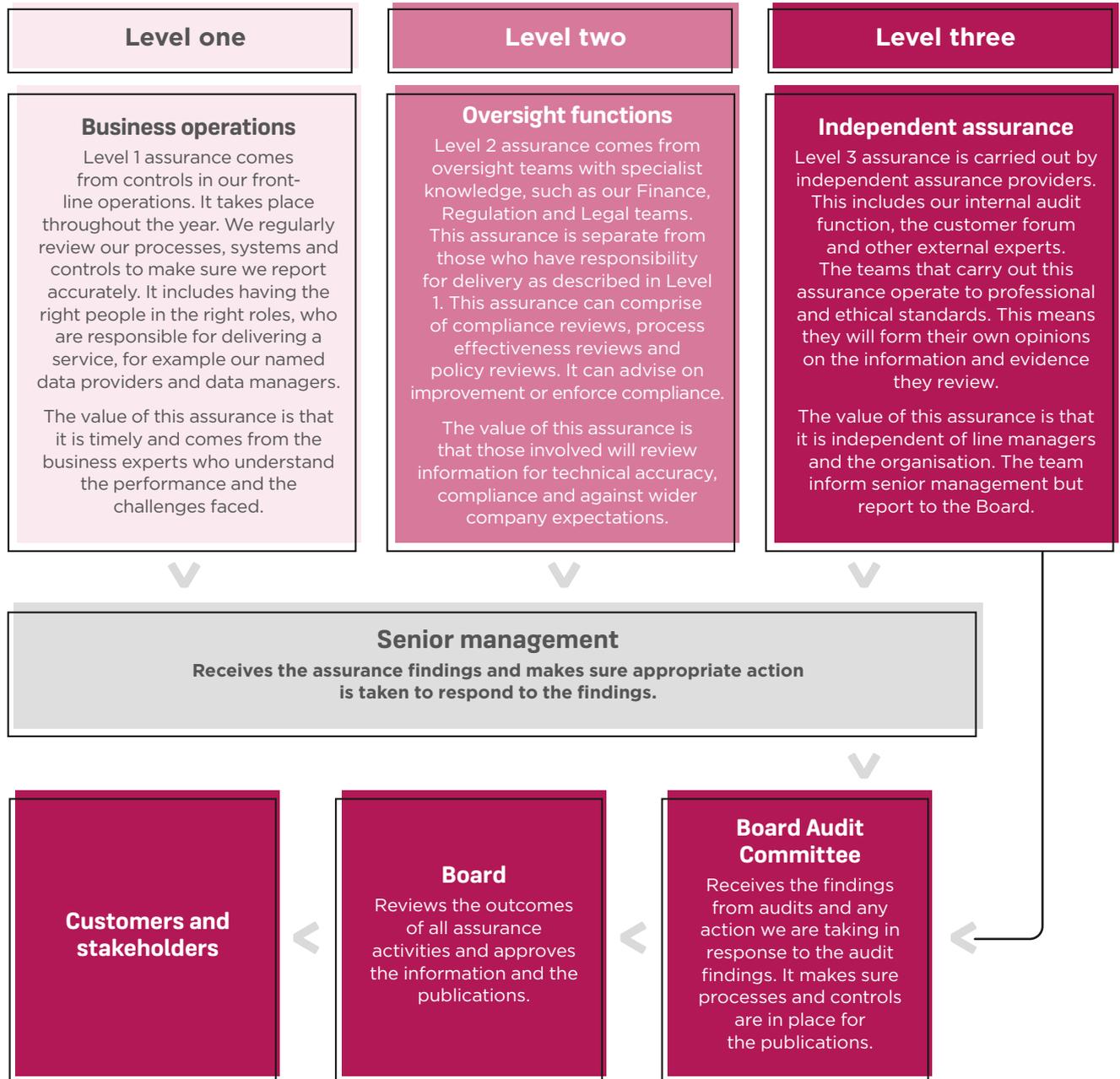
The Board of Directors sign the 'Board Assurance Statement' which confirms:

- The Charges comply with our legal requirements.
- The Board has reviewed the effects of the 2020-2021 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 two firms of auditors;
 - Deloitte audited the charges model to ensure the calculations are robust and the model is fit for purpose.
 - Jacobs 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.

www.yorkshirewater.com/our-charges

www.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	Introduction and interpretation	n/a	
	Publication		
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 2020, 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"> (a) the replacement of lead service pipes; (b) the provision and maintenance of fire hydrants; (c) damage to apparatus; (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; (e) site inspections; (f) the provision and use of standpipes (g) the testing of metres; and (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. 	Compliant	<p>The list of non-primary charges includes but is not limited to those set out in the wholesale charging rules. In a continued drive for transparency and clarity around our charges we have made the following changes within our non-primary charges;</p> <p>Section C: Damage to apparatus.</p> <ul style="list-style-type: none"> • Third party damages and remedial work An additional statement has been included “Where there is evidence that a third party has introduced fat, oil, grease or any other material that interrupts the free flow of the network, Yorkshire Water may recharge all reasonable costs associated with the clearance of that blockage” <p>Section G: Metering services</p> <ul style="list-style-type: none"> • Meter accuracy test – meter removed, external accreditation <p>We have included a list of charges for meters up to 100mm included below. For meters greater than 100mm a quotation will be supplied.</p> <p>Section J: Trade effluent other charges. We have included a further section relating to the recovery of costs associated with an unauthorised or non-compliant discharge of trade effluent</p> <p>Section K: Other charges. We have included two new services in 2020-2021.</p> <ul style="list-style-type: none"> • Provision of wholesale logger data • Wholesaler logger data snapshot

Rule number	Scheme rule	Are we compliant?	Evidence
10	Wholesale Charges must be published at least eleven weeks before the start of the period for which the charges will be imposed.	Compliant	The wholesale charges will be published on the 13 January 2020 in line with the wholesale charging rules.
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 2020-2021.
General charging principles			
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: <ul style="list-style-type: none"> (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.
Principles for determining the amount of charges			
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 2018-2019 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.

Rule number	Scheme rule	Are we compliant?	Evidence
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.
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.

Unmetered charges

19	<p>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:</p> <p>(a) which Rating Valuation List charges are fixed or determined by reference to;</p> <p>and</p> <p>(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</p>	Compliant	The basis of unmetered wholesale charges is consistent with previous years - based on property rating valuations, which are unchanged since 1989.
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Rule number	Scheme rule	Are we compliant?	Evidence
Wastewater charges			
20	<p>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:</p> <ul style="list-style-type: none"> (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	<p>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.</p>	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.
Trade Effluent			
22	<p>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.</p>	Compliant	We confirm that trade effluent charges are based on the application of the Mogden Formula.
Concessionary drainage charges			
23	<p>The Wholesale Charges published by each sewerage undertaker must set out:</p> <ul style="list-style-type: none"> (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.

Rule number	Scheme rule	Are we compliant?	Evidence
24	<p>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:</p> <p>(a) Wholesale Charges must be reduced in relation to the same classes of community group; and</p> <p>(b) the reductions in Wholesale Charges must be the same and apply for the same period.</p>	Compliant	We do not apply concessionary drainage rates or reductions in charges to community groups, as the surface water charge differentials are not significant.
Special Agreements			
25	<p>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.</p>	Compliant	We have included the details of our special agreements - YKPOT1 to YKPOT45.
Small companies			
26	<p>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) at least nine weeks before the start of the period for which the charges will be imposed.</p>	n/a	

Rule number	Scheme rule	Are we compliant?	Evidence
Annex: Information requirements			
A1	Each undertaker should provide to the Water Services Regulation Authority 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 Jacobs 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;	Compliant	Deloitte and Jacobs combined audit the charges model its inputs and calculations. The Board are furnished with a detailed report from each.

Rule number	Scheme rule	Are we compliant?	Evidence
	(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.	Compliant	<p>The final Wholesale Charges are different to the Indicative Wholesale Charges due to the following changes:</p> <ul style="list-style-type: none"> • reflection of the published Final Determination on the 16 December 2019 • update to the anticipated variables for non household customers, mainly to reflect the anticipated reduction in consumption of a large customer in 2020-2021.
Indicative charging information			
A2	No later than six months before publishing its final Wholesale Charges, each undertaker (other than a small company), should if considering making any significant changes to its primary Wholesale Charges publish information that, at a minimum, informs stakeholders of the scope of its proposed changes. For these purposes, changes will be “significant” if a reasonable person would consider them to be material. The information provided does need not be as detailed as that referred to in A3 and A4 below.	Compliant	Published July 2019
A3	No later than three months before publishing its final Wholesale Charges, each undertaker (other than a small company) should provide to the Water Services Regulation Authority 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 2019

Rule number	Scheme rule	Are we compliant?	Evidence
A4	<p>No later than three months before publishing its final Wholesale Charges, each undertaker (other than a small company) should, if it intends to make any significant changes to its primary Wholesale Charges, provide to the Water Services Regulation Authority and publish a statement of significant changes. For these purposes:</p>	Compliant	Published October 2019
	<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> <ul style="list-style-type: none"> (i) what changes are expected; (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 (iii) the handling strategies that may be adopted by the undertaker or why the undertaker considers that no handling strategies are required. 	Compliant	Published October 2019

Rule number	Scheme rule	Are we compliant?	Evidence
A5	<p>Each undertaker (other than a small company) should provide to the Water Services Regulation Authority an assurance statement from its Board of Directors and publish its statement no later than the time of publication of its indicative Wholesale Charges 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 2019

4. Stakeholder consultation table

Stakeholder consultation table

Date	Overview	Details of correspondence	Yorkshire Water Response
25/06/2019	Consultation with CCWater.	Consulted on our approach to proactive communications relating to changes to charges for 2020-2021.	
03/09/2019	Telephone conference call CCWater.	CCWater discussion around the Charges process for 2020-2021.	<p>We confirmed that we anticipate no significant bill impacts and no requirements for any rebalancing of charges.</p> <p>We confirmed that we would be publishing a separate HWD charge to comply with the change in the Charging guidance from Ofwat.</p>
03/09/2019	The Yorkshire Water Wholesale Non-Household Charges Scheme consultation was sent to all contracted Retailers.	<p>The aim of this survey was to capture Retailers feedback on the 2019-2020 charges scheme and encourage feedback on what future changes they would like to see. The survey had 11 questions and focused on three keys areas:</p> <ul style="list-style-type: none"> - Transparency - Ease of use - Simplicity 	The survey closed mid-September with three retailers participating. Overall the feedback has been very positive, and Yorkshire Water are pleased with the results. The next steps are to analyse the feedback and make recommendations.
23/09/2019	Consultation with CCWater.	Consulted on the proposed wording on bills due to the introduction of Highway Drainage charges.	YW have taken on board the advice from CCWater.
26/11/2019	A liaison meeting with CCwater was held on the 26th November 2019.	Discussion around the development of Charging arrangements for New connections and the Charges scheme.	
02/01/2020	CCWater request for final charges information.	CCWater requested that their template be completed to allow them to understand the 2020-2021 charges.	Information provided.

5. Revenue control compliance 2020-2021

Final Determination – Revenue Control	Wholesale water	Wholesale wastewater	Total
Allowed revenue	447.5	575.6	1,023.1
RFI	-	-	-
Adjusted allowed revenue	447.5	575.6	1,023.1
Forecasted revenue	447.5	575.6	1,023.1
Variance	(0.0)	(0.0)	(0.0)

6. Non-household indicative wholesale charges 2020-2021 review

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

Description	Units	2020-2021 Indicative wholesale non- household charges	2020-2021 Wholesale non- household charges	Move- ment %	CMOS tariff code	CMOS tariff name	CMOS tariff report name
Unmeasured non-household							
Rateable value charge	p/£RV	144.60 - 156.68	155.12	7.28% - (-1%)	UWVYWS	Unmeasured Water	UWRV Poundage
Fixed charge (low consumption)	£ per annum	38.27 - 41.27	40.86	6.77% - (-0.99%)	UWVYWS	Unmeasured Water	UWFixed Charge
Assessed non-household							
Fixed charge (low consumption)	£ per annum	38.27 - 41.27	40.86	6.77% - (-0.99%)	AW1YWS	Assessed Water	AWBand Charge - Band 1
Assessed - Small (145m ³)	£ per annum	184.96 - 199.49	197.50	6.78% - (-1%)	AW1YWS	Assessed Water	AWBand Charge - Band 2
Assessed - Medium (255m ³)	£ per annum	325.27 - 350.82	347.32	6.78% - (-1%)	AW1YWS	Assessed Water	AWBand Charge - Band 3
Assessed - Large (550m ³)	£ per annum	701.56 - 756.67	749.13	6.78% - (-1%)	AW1YWS	Assessed Water	AWBand Charge - Band 4
Assessed - Extra large (1,000m ³)	£ per annum	1,275.56 - 1,375.76	1,362.06	6.78% - (-1%)	AW1YWS	Assessed Water	AWBand Charge - Band 5
Measured non-household							
Volumetric charge less than 50 thousand cubic metres							
Standard tariff: 0-5 thousand cubic metres per annum	p/m ³	127.56 - 137.58	136.21	6.78% - (-1%)	MW1YWS	Measured Water	Metered Volumetric Charges
Standard tariff: 5-50 thousand cubic metres per annum	p/m ³	127.56 - 137.58	136.21	6.78% - (-1%)	MW1YWS	Measured Water	Metered Volumetric Charges
Volumetric charge more than 50 thousand cubic metres							
Banded tariff: <50 thousand cubic metres per annum	p/m ³	127.56 - 137.58	136.21	6.78% - (-1%)	FW1YWS	Measured Water Falling Block 1	Metered Volumetric Charges
Banded tariff: >50 to 250 thousand cubic metres per annum	p/m ³	81.45 - 87.85	86.98	6.79% - (-0.99%)	FW2YWS	Measured Water Falling Block 2	Metered Volumetric Charges
Banded tariff: >250 thousand cubic metres per annum	p/m ³	68.75 - 74.15	73.41	6.78% - (-1%)	FW3YWS	Measured Water Falling Block 3	Metered Volumetric Charges

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

Description	Units	2020-2021 Indicative wholesale non-household charges	2020-2021 Wholesale non-household charges	Movement %	CMOS tariff code	CMOS tariff name	CMOS tariff report name
Unmeasured non-household							
Rateable value charge	p/£RV	83.57 - 90.55	89.64	7.26% - (-1%)	UWVYOR	Unmeasured Water (York)	UWRVPoundage
Fixed charge (low consumption)	£ per annum	21.20 - 22.87	22.64	6.79% - (-1.01%)	UWFYOR	Unmeasured Water (York)	UWFixedCharge
Assessed non-household							
Fixed charge (low consumption)	£ per annum	21.20 - 22.87	22.64	6.79% - (-1.01%)	AW1YOR	Assessed Water (York)	AWBand Charge - Band 1
Assessed - Small (145m ³)	£ per annum	102.48 - 110.53	109.43	6.78% - (-1%)	AW1YOR	Assessed Water (York)	AWBand Charge - Band 2
Assessed - Medium (255m ³)	£ per annum	180.23 - 194.39	192.45	6.78% - (-1%)	AW1YOR	Assessed Water (York)	AWBand Charge - Band 3
Assessed - Large (550m ³)	£ per annum	388.73 - 419.27	415.09	6.78% - (-1%)	AW1YOR	Assessed Water (York)	AWBand Charge - Band 4
Assessed - Extra large (1,000m ³)	£ per annum	706.78 - 762.31	754.71	6.78% - (-1%)	AW1YOR	Assessed Water (York)	AWBand Charge - Band 5
Measured non-household							
Volumetric charge less than 50 thousand cubic metres							
Standard tariff: 0-5 thousand cubic metres per annum	p/m ³	70.68 - 76.23	75.47	6.78% - (-1%)	MW1YOR	Measured Water (York)	Metered Volumetric Charges
Standard tariff: 5-50 thousand cubic metres per annum	p/m ³	70.68 - 76.23	75.47	6.78% - (-1%)	MW1YOR	Measured Water (York)	Metered Volumetric Charges
Volumetric charge more than 50 thousand cubic metres							
Banded tariff: <50 thousand cubic metres per annum	p/m ³	70.68 - 76.23	75.47	6.78% - (-1%)	FW1YOR	Measured Water (York) Falling Block 1	Metered Volumetric Charges
Banded tariff: >50 to 250 thousand cubic metres per annum	p/m ³	62.09 - 66.97	66.30	6.78% - (-1%)	FW2YOR	Measured Water (York) Falling Block 2	Metered Volumetric Charges
Banded tariff: >250 thousand cubic metres per annum	p/m ³	62.09 - 66.97	66.30	6.78% - (-1%)	FW3YOR	Measured Water (York) Falling Block 3	Metered Volumetric Charges

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

Description	Units	2020-2021 Indicative wholesale non-household charges	2020-2021 Wholesale non-household charges	Movement %	CMOS tariff code	CMOS tariff name	CMOS tariff report name
Unmeasured non-household							
Rateable Value charge - Foul charge	p/£RV	139.32 - 156.92	167.08	19.93% - 6.47%	N/A	N/A	N/A
Rateable Value charge - HWD charge	p/£RV	13.95 - 15.71	16.73	19.93% - 6.49%	N/A	N/A	N/A
Rateable value charge - Total	p/£RV	153.27 - 172.63	183.80	19.92% - 6.47%	USVYWS	Unmeasured Sewerage	USRVPoundage
Fixed charge (low consumption)	£ per annum	41.48 - 46.41	48.91	17.91% - 5.39%	USFYWS	Unmeasured Sewerage	USFixed Charge
Assessed non-household							
Fixed charge (low consumption)	£ per annum	41.48 - 46.41	48.91	17.91% - 5.39%	AS1YWS	Assessed Sewerage	AWBand Charge - Band 1
Assessed - Small (145m ³) - Foul charge	£ per annum	182.22 - 203.91	214.88	17.92% - 5.38%	N/A	N/A	N/A
Assessed - Small (145m ³) - HWD charge	£ per annum	18.24 - 20.41	21.51	17.94% - 5.4%	N/A	N/A	N/A
Assessed - Small (145m ³) - Total	£ per annum	200.47 - 224.32	236.39	17.92% - 5.38%	AS1YWS	Assessed Sewerage	AWBand Charge - Band 2
Assessed - Medium (255m ³) - Foul charge	£ per annum	320.46 - 358.59	377.89	17.92% - 5.38%	N/A	N/A	N/A
Assessed - Medium (255m ³) - HWD charge	£ per annum	32.08 - 35.90	37.83	17.93% - 5.38%	N/A	N/A	N/A
Assessed - Medium (255m ³) - Total	£ per annum	352.55 - 394.49	415.72	17.92% - 5.38%	AS1YWS	Assessed Sewerage	AWBand Charge - Band 3
Assessed - Large (550m ³) - Foul charge	£ per annum	691.20 - 773.44	815.06	17.92% - 5.38%	N/A	N/A	N/A
Assessed - Large (550m ³) - HWD charge	£ per annum	69.20 - 77.43	81.60	17.91% - 5.38%	N/A	N/A	N/A
Assessed - Large (550m ³) - Total	£ per annum	760.39 - 850.87	896.65	17.92% - 5.38%	AS1YWS	Assessed Sewerage	AWBand Charge - Band 4
Assessed - Extra large (1,000m ³) - Foul charge	£ per annum	1,256.72 - 1,406.25	1,481.92	17.92% - 5.38%	N/A	N/A	N/A
Assessed - Extra large (1,000m ³) - HWD charge	£ per annum	125.81 - 140.78	148.36	17.92% - 5.38%	N/A	N/A	N/A
Assessed - Extra large (1,000m ³) - Total	£ per annum	1,382.53 - 1,547.03	1,630.28	17.92% - 5.38%	AS1YWS	Assessed Sewerage	AWBand Charge - Band 5

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

Description	Units	2020-2021 Indicative wholesale non-household charges	2020-2021 Wholesale non-household charges	Movement %	CMOS tariff code	CMOS tariff name	CMOS tariff report name
Measured non-household							
Volumetric charge less than 50 thousand cubic metres							
Standard tariff 0-5 thousand cubic meters per annum – Foul charge	p/m ³	132.29 - 148.03	155.99	17.92% - 5.38%	N/A	N/A	N/A
Standard tariff 0-5 thousand cubic meters per annum – HWD charge	p/m ³	13.24 - 14.82	15.62	17.98% - 5.4%	N/A	N/A	N/A
Standard tariff: 0-5 thousand cubic metres per annum – Total	p/m ³	145.53 - 162.85	171.61	17.92% - 5.38%	MS1YWS	Measured Sewerage	Metered Volumetric Charges
Standard tariff 5-50 thousand cubic meters per annum – Foul charge	p/m ³	132.29 - 148.03	155.99	17.92% - 5.38%	N/A	N/A	N/A
Standard tariff 5-50 thousand cubic meters per annum – HWD charge	p/m ³	13.24 - 14.82	15.62	17.98% - 5.4%	N/A	N/A	N/A
Standard tariff: 5-50 thousand cubic metres per annum – Total	p/m ³	145.53 - 162.85	171.61	17.92% - 5.38%	MS1YWS	Measured Sewerage	Metered Volumetric Charges
Volumetric charge more than 50 thousand cubic metres							
Banded tariff: <50 thousand cubic metres per annum – Foul charge	p/m ³	132.29 - 148.03	155.99	17.92% - 5.38%	FS1YWS	Measured Sewerage Falling Block 1	Metered Volumetric Charges
Banded tariff: <50 thousand cubic metres per annum – HWD charge	p/m ³	13.24 - 14.82	15.62	17.98% - 5.4%	FS1YWS	Measured Sewerage Falling Block 1	Metered Volumetric Charges
Banded tariff: <50 thousand cubic metres per annum – Total	p/m ³	145.53 - 162.85	171.61	17.92% - 5.38%	FS1YWS	Measured Sewerage Falling Block 1	Metered Volumetric Charges

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

Description	Units	2020-2021 Indicative wholesale non-household charges	2020-2021 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 ³	117.27 - 131.62	138.71	18.28% - 5.39%	FS2YWS	Measured Sewerage Falling Block 2	Metered Volumetric Charges
Banded tariff: >250 thousand cubic metres per annum	p/m ³	107.04 - 120.14	126.61	18.28% - 5.39%	FS3YWS	Measured Sewerage Falling Block 3	Metered Volumetric Charges
Surface water charges							
Surface water drainage: Band - A - Up to 500m ²	£ per annum	41.50 - 46.58	49.08	18.27% - 5.37%	SS1YWS	Surface Water Drainage	SWBandCharge - Band 1
Surface water drainage: Band - B - Up to 750m ²	£ per annum	83.01 - 93.17	98.18	18.27% - 5.38%	SS1YWS	Surface Water Drainage	SWBandCharge - Band 2
Surface water drainage: Band - C - Up to 1,000m ²	£ per annum	124.51 - 139.75	147.27	18.28% - 5.38%	SS1YWS	Surface Water Drainage	SWBandCharge - Band 3
Surface water drainage: Band - D - Up to 2,000m ²	£ per annum	166.02 - 186.33	196.36	18.27% - 5.38%	SS1YWS	Surface Water Drainage	SWBandCharge - Band 4
Surface water drainage: Band - E - Up to 15,000m ²	£ per annum	332.04 - 372.67	392.72	18.27% - 5.38%	SS1YWS	Surface Water Drainage	SWBandCharge - Band 5
Surface water drainage: Band - F - Up to 35,000m ²	£ per annum	2,490.26 - 2,795.02	2,945.39	18.28% - 5.38%	SS1YWS	Surface Water Drainage	SWBandCharge - Band 6
Surface water drainage: Band - G - Up to 150,000m ²	£ per annum	5,810.62 - 6,521.71	6,872.57	18.28% - 5.38%	SS1YWS	Surface Water Drainage	SWBandCharge - Band 7
Surface water drainage: Band - H - Over 150,000m ²	£ per annum	24,902.65 - 27,950.19	29,453.88	18.28% - 5.38%	SS1YWS	Surface Water Drainage	SWBandCharge - Band 8

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

Description	Units	2020-2021 Indicative wholesale non-household charges	2020-2021 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 ³	43.45 - 48.43	50.73	16.75% - 4.75%	TE1YWS / TF1YWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as RoBT
Standard tariff: >50 thousand cubic metres per annum	p/m ³	43.45 - 48.43	50.73	16.75% - 4.75%	TE1YWS / TF1YWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as RoBT
Banded tariff: <50 thousand cubic metres per annum	p/m ³	43.45 - 48.43	50.73	16.75% - 4.75%	TF1YWS	Trade Effluent Falling Block 1	Labelled as RoBT
Banded tariff: >50 to 250 thousand cubic metres per annum	p/m ³	24.52 - 27.33	28.63	16.76% - 4.76%	TF2YWS	Trade Effluent Falling Block 2	Labelled as RoBT
Banded tariff: >250 thousand cubic metres per annum	p/m ³	16.38 - 18.26	19.12	16.73% - 4.71%	TF3YWS	Trade Effluent Falling Block 3	Labelled as RoBT
V – Preliminary treatment charge	p/m ³	42.96 - 47.89	50.17	16.78% - 4.76%	TE1YWS / TF1YWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as Vo
B – Biological treatment	p/m ³	38.96 - 43.43	45.49	16.76% - 4.74%	TE1YWS / TF1YWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as BoBt
S – Sludge disposal charge	p/m ³	25.74 - 28.69	30.05	16.74% - 4.74%	TE1YWS / TF1YWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as So
Minimum charge (Annual)	£ per annum	413.10 - 460.50	482.35	16.76% - 4.74%	TE1YWS / TF1YWS / TF2YWS / TF3YWS	Trade Effluent	TEMinCharge
Os – Biological strength of combined sewage	mg/ litre COD	840.00	840.00	0% - 0%	TE1YWS / TF1YWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as Os
Ss – Sludge strength of combined sewage	mg/ litre StS	335.00	335.00	0% - 0%	TE1YWS / TF1YWS / TF2YWS / TF3YWS	Trade Effluent	Labelled as Ss

Note: all charges were impacted by the reflection of FD19 and an update in forecasts for non household. Please refer to Board Assurance Statement.

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