PR19 Business plan data tables - June 2018

App5 - I	PR14 reconc	iliation - perf	formance commitment													Northumbrian	Water						Northumbrian Water						
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											u u						- 20			2018-19 forecast data				"		2019-20 forecast data (more			
				PR19 p	price contro	I allocation (	% <b>)</b>													2018-19 forecast data	(monetary amounts in 2012-13 pr	ices, net of tax)				2019-20 forecast data (non	stary amounts in 2012-13 pri	as, net of tox)	
Unique ID		Company PR14	Rater Rater enterth	Wastenater Blars	ramon Reality	table Business relation	Direct	Dammy control	Total	PCINE Perfo	formance commitment	ODI 1gee	ODIform	toported P	Cunit	PC unit description	Decimal	2018-19 performance level	2010-10	2018-19	2018-15 Services extended accesses	2018-11	2218-11 Territal addrefermance caution	2019-20 pedamana leat	2019-20	2219-20 Servicel extendements connect in	2019-20	2019-20 Serviced autoreformance convert	3010-03
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																				in-period CEN	in-period CDN (04)	accessed at 31 March 2019	account at 31 March 2019 (Dr)			in-period CDIs	in-period CENs (Em)	account at 31 March 2020	account at 31 March 2020 (De)
PRIMERW	2W W-M	NES W2W				_	1		0.0%	W-A1 W-AS	At: Asset bealth measures - water	NE		I N	6	NA (measured in securate PCs)	ra	00	-				1	08					
		NES WSW										Out & under	RCV	0	r 👘	No. of complaints per year	0	987	Yes					987	Yes				
		NES WSW							100.0%	W-82 W-82	92: Overall drinking water compliance	Under					3	100	Yes.					100	Yes				
		NES WSW									40: Discoloured water complaints	Out & under		0			0	2500	Yes			Outperformance payment	0.3371	2500	Yes			Outperformance payment	0.3370
		NES WSW										Out & under					1074/346	05:29	Yes					00:30	3eK				
		NES WSW										Out & under		0			0	216	Yes					216	Yes				
		NES WSW				_					Cir. Water mains burets Of: Leakage (Mid) Northumbrian area	Under Out & under					2	3663	Yes.					3458	Vist.				
		NES WSW				_						Out & under					2	117	Yes.					11/	594				
		NES W2W			_						D1: NVL independent overall customer satisfaction score	NE	Pier V				1	82	Ver				-		Net 1				
		NES W2W			100	1.0%					D2: Service incentive mechanism GM	Out & under	Revenue					90	Ver			/GM		90	Net				
		NES W2W									Dir Domesic customer satisfaction, net promoter score	NEL					0	32	Yes			100		22	Yes				
PRHNESW	SW_W-61	NES WSW							0.0%	W-E1 W-E1	E1: NWL independent survey on keeping customers informed	NEI				% customer satisfaction	TEC	\$4	Yes					94	Yes				
		NES WSW									F1: Greenhouse gas emissions	NEI			r i	k0002e	0	28	Yes					22	Yes				
		NES WSW									F2: Annual environmental performance report	NFI					ra	Publish	Yes.					Publish	Yes				
		NES WSWW									Kt: Asset health measures - wastewater	NFI					na	nia	-					nia					
		NES WSWW		100.0%							R1: Properties ficoded externally	Out & under			r		0	900	Yes			Outperformance payment	0.3965		Yes			Outperformance payment	0.3967
		NES WSWW		100.0%								Out & under		0			0	120	Yes			Outperformance payment		120	Yes			Outperformance payment	07121
		NES WSWW		100.0%								Out & under		0			0	60	Yes			Outperformance payment	1.066	60	Yes			Outperformance courners	1.0499
		NES WSWW		100.0%							M: Sever colopses 6: Transferred drains and severs - internal sever flooding	Under Out & under		0			0	58	Yes					58	Yes				
		NES WSWW		100.0%							b: transferred drains and servers - internal server fooding bit: Transferred drains and servers - external server fooding	Out & under					0	235	786					185	564				
		NES WSWW		100.0%	_						ac transferred drains and servers - external server fooding A7: Transferred drains and servers - server collapses	NFI					0	2605	Yes.					265	594				
		NES W20W		100.0%	_						21: Sevage treatment works discharge compliance	Under					0	0	Ver						Net 1				
		NES W20W		100.0%		_					22. Polizion incidente (category 3)	Out & under					0	24	- Ten									Outperformance payment	0.0000
		NES WSWW		100.0%	_						2: Bathing water compliance	Under					0	14	Ver				1	14	Net 1			Cogeranace paperas	0.078
		NES WSWW		100.005							Cit: Whithour combined sever overflow (CSO) scheme	Under					60	Delvery	Ver					Delivery	Net				
		NES W20W									D1: NIVL independent overall outpomer satisfaction score	NEL					1	8.2	Yes					82	Yes				
PRIMESW	9WW_9-02	NES WSWW	N.		100	L016			100.0%	9-02 9-02	22: Service incentive mechanism (SM)	Out & under	Revenue		6000	Service incentive mechanism (SM) score	1	90	Yes			(SM		90	Yes				
		NES WSWW									28: Domestic customer satisfaction, net promoter score	NFI					0	32	Yes.					22	Yes				
		NES WSWW									51: NWL independent survey on keeping customers informed	NFI					TEC	\$4	Yes.					94	Yes				
		NES WSWW									P1: Greenhouse gas emissions	NFI					0	28	Yes.					22	Yes				
		NES WSWW									2: Annual environmental performance report	NFI					ra	Publish	Yes					Publish	Yes				
		NES HHR NES HHR			500		_				In NITL independent overall overament satisfaction score IZ: Service incentive mechanism (SM)	NFI Out & under	-				1	8.2	Yes					82	bia.				
PRIMESH					100	10%							Heverue				1	90	786			(50)		10	564				
		NES HHR NES HHR					_				82: Domestic customer satisfaction, net promoter acces 21: NWL independent value for money survey	NE					0	32	Yes					32	Yes				
		NES HHR					_				C1: Nert, independent value for money survey C2: Satisfied with value for money of water services Northumbrian region (CCVII ater research)	NEL					0	73	Yes					7.9	564				
		NES HHR					_				C2: Satisfied with value for money of water services - Northuritorian recon (CCIII ater research) C3: Satisfied with value for money of serverace services - Northuritorian recion (CCIII ater research)	NEL					0	84 14	Yes					10 H	Net .				
		NES HHR									Dt. Satisfied with value for money of water services - Essex & Suffak molor (CCH ater research)	NE					0	22	Ver				1	20	Net				
		NES HHR									21: NWL independent survey on keeping customens informed	NE					TRC	94	Ver						Net				
		NES HHR									E1: Greenhouse gas emissions	NEL					0	28	Yes					22	Yes				
PRIMESH		NES HHR							0.0%	R-62 R-62	22: Annual environmental performance report	NFI				CRAG report publication	ra	Publish	Yes.					Publish	Yes.				
PRIMESH	4R_R-F1	NES HHR			100	1.0%			100.0%	8-F1 8-F1:	F1: Delivering a consolidated Customer Information and Rilling (CIR) system	Under	Revenue	6	n	£ million cumulative depreciation	2	00	-				1	n/a see commentary					

Pre-populated

General rotes	
	P Hand Room and the device of the standard grade th
	Negetive values (including underperformance penalties) should be input using the minus sign
	<ul> <li>For SM performance, we are not expecting companies to forecast financial outperformance penalties in table App5</li> </ul>
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Column reference	Auforita Aufor
1	Version Vicing in Crucius identifier generated for the performance commitment. For example: PR:144FWV/2W_UII-141 (pre-populated data)
2	Company water company acronym (pre-populand data)
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12	PRH9 price commol adocation: the price commol adocation must in calculated - it will be highlighted in red if the total does not equal 100%.
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	Revenue or SHLDER * Revenue adjustment or underperformance penalty investment financed by shareholders with no RCV adjustment (for example, where an outperformance payment is applied as a revenue adjustment and an underperformance penalty is applied as an investment financed by
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Line description

Northumbrian Water Data validation

### Item reference Units DPs Price base 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 2014-20

Α	RCV midnight adjustment ~ land sales water											
1	Forecast at previous review	A7001W	£m	3	Outturn (nominal)	0.983						_
2	Actual and current forecast sales	BT39301PW	£000	3	Outturn (nominal)	2639.000	1697.000	648.000	1032.000	1125.667	1125.667	
3	Impact of 50% of proceeds	A7003W	£m	3	Outturn (nominal)	0.828	0.849	0.324	0.516	0.563	0.563	
4	WACC - fully post tax on notional structure	A7004AW	%	2	-	3.60%	3.60%	3.60%	3.60%	3.60%	3.60%	
5	RPI: Financial year average year on year %	A7004BW	%	2		2.61%	2.61%	2.61%	2.61%	2.61%	2.61%	
6	Discount rate (nominal)	A7004W	%	2		6.21%	6.21%	6.21%	6.21%	6.21%	6.21%	
7	Years for discounting purposes	A7005YR	nr	0		-3	-2	-1	0	1	2	
8	Discount factor	A7005W	ratio	2	-	0.83	0.89	0.94	1.00	1.06	1.13	
9	PV effect of 50% of proceeds from disposals of interest in land	A7006W	£m	3	2017-18 FYA (RPI)	0.691	0.752	0.305	0.516	0.598	0.635	
10	NPV effect of 50% of proceeds from disposals of interest in land	A7010W	£m	3	2017-18 FYA (RPI)							-3.
11	Water ~ NPV effect of 50% of proceeds from disposals of interest in land at 2017-18 FYA CPIH deflated price base	A7011W	£m	3	2017-18 FYA (CPIH deflated)							-3

Input	
Input; RAG 4.07 2E	
Calculated; (Line 2 minus line 1) divided by 2	
Pre populated	
Average of App23 line 31 years 2015-20	
Calculated; sum of line 4 and line 5	
Pre populate. Generic values (replicate code in PR14 RCV midnight adjustment model)	
Calculated using discount factor formulae using rate in line 6.	
Calculated; Line 3 multiplied by line 8.	
Sum of line 9 columns H to M with signage reversed. This is an input to the RCV adjustment feeder model	
This is an output from the RCV adjustments model.	

Calculation, copy or download rule

#### B RCV midnight adjustment ~ land sales wastewater

12	Forecast at previous review	A7001WW	£m	3	Outturn (nominal)	0.883						
13	Actual and current forecast sales	BT39301PS	£000	3	Outturn (nominal)	13.000	13.000	13.000	27.000	17.667	17.667	
14	Impact of 50% of proceeds	A7003WW	£m	3	Outturn (nominal)	-0.435	0.007	0.007	0.014	0.009	0.009	
15	WACC - fully post tax on notional structure	A7004AWW	%	2	-	3.60%	3.60%	3.60%	3.60%	3.60%	3.60%	
16	RPI: Financial year average year on year %	A7004BWW	%	2		2.61%	2.61%	2.61%	2.61%	2.61%	2.61%	
17	Discount rate (nominal)	A7004WW	%	2		6.21%	6.21%	6.21%	6.21%	6.21%	6.21%	
18	Years for discounting purposes	A7005YR	nr	0		-3	-2	-1	0	1	2	
19	Discount factor	A7005WW	ratio	2	-	0.83	0.89	0.94	1.00	1.06	1.13	
20	PV effect of 50% of proceeds from disposals of interest in land	A7006WW	£m	3	2017-18 FYA (RPI)	-0.363	0.006	0.006	0.014	0.009	0.010	
21	NPV effect of 50% of proceeds from disposals of interest in land	A7010WW	£m	3	2017-18 FYA (RPI)							0.318
22	Wastewater ~ NPV effect of 50% of proceeds from disposals of interest in land at 2017-18	A7011WW	£m	3	2017-18 FYA (CPIH deflated)	1						0.327
	FYA CPIH deflated price base	Aronna	LIII	3	2017-18 FTX (CFIIT deliated)							0.321

	Input	
	Input; RAG 4.07 2E	
	Calculated; (Line 12 minus line 11) divided by 2	
	Pre populated	
	Average of App23 line 31 years 2015-20	
	Calculated; sum of line 14 and line 15	
	Pre populate. Generic values (replicate code in PR14 RCV midnight adjustment model)	
	Calculated using discount factor formulae using rate in line 16.	
	Calculated; Line 13 multiplied by line 18.	
3	Sum of line 20 columns H to M with signage reversed. This is an input to the RCV adjustment feeder model.	
7	This is an output from the RCV adjustments model.	

## Input Copy Calculation Pre populated

KEY

App9 guidance and line definitions

This tab	le collates information actual and forecast land sale proceeds and applicable discount rate to calculate the RCV midnight adjustment arising from land disposals occuring in the years from 2014-15 to 2019-20.
	-
Line	Definition
Block A	RCV midnight adjustment ~ land sales water
1	The water share of the forecast used for 2014-15 in the PR14 final determination RCV midnight adjustment model.
2	Proceeds from land sales (net of associated offsetting costs). For 2014-15 to 2017-18 input actual data reported in RAG 4 table 2E. Forecasts are required for 2018-20.
3	Calculated. Half of the proceeds from land sales.
4	Real fully post tax WACC that applied at PR14.
5	Calculated. Average of the year on year % change in the financial year average RPI for the 2015-20 period.
6	Calculated. The discount rate is the sum of the WACC and the RPI forecast.
7	Generic values.
8	Calculated. The discount factor based on the discount rate and is centred on the base year.
9	Calculated. Present value of half of the cash flow arising from the land sales using the service specific discount factor.
10	Calculated. The net present value adjustment for the RCV. This is the sum of the present values with signage reversed.
11	This is an output from the RCV adjustments model.
Block B	RCV midnight adjustment ~ land sales wastewater
12	The wastewater share of the forecast used for 2014-15 in the PR14 final determination RCV midnight adjustment model.
13	Proceeds from land sales (net of associated offsetting costs). For 2014-15 to 2017-18 input actual data reported in RAG 4 table 2E. Forecasts are required for 2018-20.
14	Calculated. Half of the proceeds from land sales.
15	Real fully post tax WACC that applied at PR14.
16	Calculated. Average of the year on year % change in the financial year average RPI for the 2015-20 period.
17	Calculated. The discount rate is the sum of the WACC and the RPI forecast.
18	Generic values.
19	Calculated. The discount factor based on the discount rate and is centred on the base year.
20	Calculated. Present value of half of the cash flow arising from the land sales using the service specific discount factor.
21	Calculated. The net present value adjustment for the RCV. This is the sum of the present values with signage reversed.
22	This is an output from the RCV adjustments model.

Validation description

App23 - Inflation measures																				North	numbrian	Water	Data validation	
e description	Item reference	e Units	DPs	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Calculation, copy or download rule	Validation description
	_																							
A Retail price index																								1
RPI: Months of actual data for Financial Year     Retail Price Index for April	PB00000	nr	0	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	Counts the number of entries in lines 2 to 13.	Must equal 12.
Retail Price Index for April     Retail Price Index for May	BB3805AL BB3805MY	nr		234.4	242.5	249.5 250.0	255.7	258.0 258.5	261.4 262.1	270.6	279.7	288.1	296.7 297.8	305.6	314.8 315.9	324.2 325.4	333.9 335.2	343.9 345.3	354.2	364.8	375.7	387.0		
A Retail Price Index for May     Retail Price Index for June	BB3805JN	nr		235.2 235.2	242.4	250.0	255.9	258.5	262.1	2/1./	280.7	289.1	297.8	306.7	315.9	325.4	335.2	345.3	356.6	366.4	377.4	388.7		
5 Retail Price Index for July	BB3805JL	nr	1	233.2	241.8	249.7	256.0	258.6	263.4	272.9	281.1	289.5	298.2	307.0	316.3	325.8	335.6	345.7	356.1	366.8	377.8	389.1		
6 Retail Price Index for August	BB3805AT	nr	1	236.1	243.0	251.0	257.0	259.8	264.4	274.7	282.9	291.4	300.1	309.1	318.4	328.0	337.8	347.9	358.3	369.0	380.1	391.5		
7 Retail Price Index for September	BB3805SR	nr		237.9	244.2	251.9	257.6	259.6	264.9	275.1	283.4	291.9	300.7	309.7	319.0	328.6	338.5	348.7	359.2	370.0	381.1	392.5		
8 Retail Price Index for October	BB3805OR	nr		238.0	245.6	251.9	257.7	259.5	264.8	275.3	283.6	292.1	300.9	309.9	319.2	328.8	338.7	348.9	359.4	370.2	381.3	392.7		
9 Retail Price Index for November	BB3805NR	nr	1	238.5	245.6	252.1	257.1	259.8	265.5	275.8	284.1	292.6	301.4	310.4	319.7	329.3	339.2	349.4	359.9	370.7	381.8	393.3		
10 Retail Price Index for December	BB3805DR	nr		239.4	246.8	253.4	257.5	260.6	267.1	278.1	286.4	295.0	303.9	313.0	322.4	332.1	342.1	352.4	363.0	373.9	385.1	396.7		
11 Retail Price Index for January	BB3805JY	nr		238.0	245.8	252.6	255.4	258.8	265.5	276.0	284.3	292.8	301.6	310.6	319.9	329.5	339.4	349.6	360.1	370.9	382.0	393.5		
12 Retail Price Index for February	BB3805FY	nr		239.9	247.6	254.2	256.7	260.0	268.4	278.1	286.4	295.0	303.9	313.0	322.4	332.1	342.1	352.4	363.0	373.9	385.1	396.7		
13 Retail Price Index for March	BB3805MH	nr	1	240.8	248.7	254.8	257.1	261.1	269.3	278.3	286.6	295.2	304.1	313.2	322.6	332.3	342.3	352.6	363.2	374.1	385.3	396.9		
B Consumer price index (including housing costs)																								
14 CPIH: Months of actual data for Financial Year	PB00003	nr	0	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	Counts the number of entries in lines 15 to 26.	Must equal 12
15 Consumer Price Index (with housing) for April	BB3905AL	nr	1	93.3	96.9	98.0	99.6	99.9	100.6	103.2	105.5	107.6	109.8	112.0	114.2	116.5	118.8	121.2	123.6	126.1	128.6	131.2	County and number of childs in fines to to 20.	must equal 12.
16 Consumer Price Index (with housing) for May	BB3905MY	nr	1	93.5	95.9	98.2	99.6	100.1	100.8	103.5	105.9	108.0	110.2	112.4	114.6	116.9	119.2	121.6	124.0	126.5	129.0	131.6		
17 Consumer Price Index (with housing) for June	BB3905JN	nr	1	93.5	95.6	98.0	99.8	100.1	100.0	103.5	105.9	108.0	110.2	112.4	114.6	116.9	119.2	121.6	124.0	126.5	129.0	131.6		1
18 Consumer Price Index (with housing) for July	BB3905JL	nr		93.5	95.7	98.0	99.6	100.0	100.9	103.5	105.6	107.7	109.9	112.1	114.3	116.6	118.9	121.3	123.7	126.2	128.7	131.3		1
19 Consumer Price Index (with housing) for August	BB3905AT	nr	1	93.9	96.1	98.4	99.9	100.3	101.2	104.0	106.1	108.2	110.4	112.6	114.9	117.2	119.5	121.9	124.3	126.8	129.3	131.9		1
20 Consumer Price Index (with housing) for September	BB3905SR	nr	1	94.5	96.4	98.7	100.0	100.2	101.5	104.3	106.4	108.5	110.7	112.9	115.2	117.5	119.9	122.3	124.7	127.2	129.7	132.3		1
21 Consumer Price Index (with housing) for October	BB3905OR	nr	1	94.5	96.8	98.8	100.1	100.3	101.6	104.4	106.5	108.6	110.8	113.0	115.3	117.6	120.0	122.4	124.8	127.3	129.8	132.4		1
22 Consumer Price Index (with housing) for November	BB3905NR	nr		94.7	97.0	98.8	99.9	100.3	101.8	104.7	106.8	108.9	111.1	113.3	115.6	117.9	120.3	122.7	125.2	127.7	130.3	132.9		
23 Consumer Price Index (with housing) for December	BB3905DR	nr	1	95.0	97.3	99.2	99.9	100.4	102.2	105.0	107.1	109.2	111.4	113.6	115.9	118.2	120.6	123.0	125.5	128.0	130.6	133.2		
24 Consumer Price Index (with housing) for January	BB3905JY	nr	1	94.7	97.0	98.7	99.2	99.9	101.8	104.5	106.6	108.7	110.9	113.1	115.4	117.7	120.1	122.5	125.0	127.5	130.1	132.7		
25 Consumer Price Index (with housing) for February	BB3905FY	nr	1	95.2	97.5	99.1	99.5	100.1	102.4	104.9	107.0	109.1	111.3	113.5	115.8	118.1	120.5	122.9	125.4	127.9	130.5	133.1		
26 Consumer Price Index (with housing) for March	BB3905MH	nr	1	95.4	97.8	99.3	99.6	100.4	102.7	105.1	107.2	109.3	111.5	113.7	116.0	118.3	120.7	123.1	125.6	128.1	130.7	133.3		
	_																							
C Indexation rate for index linked debt percentage increase										-														
27 Indexation rate for index linked debt percentage increase	A9001	%	2								3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%		
D Einandial year average indiace																								
D Financial year average indices 28 RPI: Financial year average indices	PB00113BP	nr	1	237.3	244.7	251.7	256.7	259.4	265.0	274.9	283.4	291.9	300.7	309.7	319.0	328.5	338.4	348.6	359.1	369.8	380.9	392.4	A	1
29 CPIH: Financial year average indices	PB00200			94.3	244.7	251.7	256.7	100.2	205.0	104.2	283.4	108.5	110.7	112.9	115.2	117.5	119.8	122.2	124.7	127.2	129.7	132.3	Average of lines 2 to 13. Average of lines 15 to 26.	
28 [CFIII. Financial year average indices	1000200			54.3	50.0	50.0	55.7	100.2	101.0	104.2	100.4	100.0	110.7	112.0	110.2	117.0	115.0	122.2	124.7	121.2	125.7	132.3	Average of lines 15 to 20.	1
E Year on year % change																								
30 RPI: November year on year %	APP23001	%	2		2.98%	2.65%	1.98%	1.05%	2,19%	3.88%	3.01%	2.99%	3.01%	2.99%	3.00%	3.00%	3.01%	3.01%	3.01%	3.00%	2.99%	3.01%	Year on year change in line 9.	
31 RPI: Financial year average indices year on year %	APP23002	%			3.09%	2.88%	1.96%	1.08%	2.14%	3.74%	3.09%	3.00%	3.01%	2.99%	3.00%	3.00%	3.01%	3.01%	3.01%	3.00%	3.00%	3.00%	Year on year change in line 28.	
32 RPI: Financial year end indices year on year %	APP23003	%			3.28%	2.45%	0.90%	1.56%	3.14%	3.34%	2.98%	3.00%	3.01%	2.99%	3.00%	3.01%	3.01%	3.01%	3.01%	3.00%	2.99%	3.01%	Year on year change in line 13.	
33 CPIH: November year on year %	APP23004	%	2		2.43%	1.86%	1.11%	0.40%	1.50%	2.85%	2.01%	1.97%	2.02%	1.98%	2.03%	1.99%	2.04%	2.00%	2.04%	2.00%	2.04%	2.00%	Year on year change in line 22.	
34 CPIH: Financial year average indices year on year %	APP23005	%	2		2.41%	2.09%	1.14%	0.44%	1.37%	2.63%	2.08%	1.97%	2.03%	1.99%	2.01%	2.00%	2.01%	2.00%	2.00%	2.01%	2.00%	2.00%	Year on year change in line 29.	
35 CPIH: Financial year end indices year on year %	APP23006	%	2		2.52%	1.53%	0.30%	0.80%	2.29%	2.34%	2.00%	1.96%	2.01%	1.97%	2.02%	1.98%	2.03%	1.99%	2.03%	1.99%	2.03%	1.99%	Year on year change in line 26.	
36 Wedge between RPI and CPIH	APP23007	%	2		0.68%	0.80%	0.82%	0.64%	0.77%	1.11%	1.01%	1.02%	0.98%	1.01%	0.99%	1.01%	1.00%	1.00%	1.01%	1.00%	1.00%	1.00%	Line 31 - line 34.	
	_			_																				
F Long term inflation rates																								
37 Long term RPI inflation rate	APP23008												3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%		
38 Long term CPIH inflation rate	APP23009	%	2										2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%		
KEY																								
Input																								
Сору																								
Calculation																								
Pre populated																								
App23 guidance and line definitions																								
	and a state of the	inform 1	ing alla	a con ter mellos de la	ha asian ba		huminana -	iti-								d inflation								
This table contains companies' assumptions about inflation during the price	control period. The	=110rmati	JULI ALIOWS	s us io adjust ti	ne pricê base	or companies	ousiness pl	an projections :	ани сотра	e across com	pariles on a c	UNISISIÊNT DA:	ore without ble	country assume	ipuons abou	acimitation.								
Line Definition																								
Block A Retail price index											_													
1-13 Pre-populated data in green cells are published values for the retail	price index (RPI) a	wailable o	on the ON	S website. Fo	r 2017-18 onv	vards in lines 2	2 to 13. com	panies should e	enter foreca	st RPI values f	or each mont	h. Line 1 will	update autom	atically and she	ould equal 1	2 to								
indicate that forecasts have been completed for all months of the fir	nancial year.																							
Block B Consumer price index (including housing costs)																								
14-26 Pre-populated data in green cells are published values for the cons	umer price index in	cluding h	ousing co	osts (CPIH) ava	ailable on the	ONS website.	For 2017-18	3 onwards in lin	es 15 to 26	, companies sl	hould enter fo	recast CPIH	values for each	n month. Line '	14 will upda	te								
automatically and should equal 12 to indicate that forecasts have be	een completed for a	all months	s of the fin	nancial year.																				
Block C Indexation rate for index linked debt percentage increase																								
27 The percentage uplift of index-linked debt by indexation. The finance	ial model works on	year ave	rage price	es, so a year a	verage inflatio	n rate for inde	x linked debt	t is more appro	priate.															
Block D Financial year average indices																								
28-29 The financial year average indices calculated by taking an average	over 12 months from	m April to	March.																					
Block E Year on year % change																								
30-35 The year on year % change in the indices.																								

 Block E
 Tear on year X-change

 303
 The year on year X-change in RP sense minus the annual change in CPI(H) average.

 306:X
 The year intradiant state

 306:X
 The year intradiant state

 306:X
 The year intradiant state

 307:X
 The company's view of the long term inflation rate for RPL Long term inflation rate is the rate used to discount the nominal WACC into a real WACC.

 307
 The company's view of the long term inflation rate for CPI(H). Long term inflation rate is the rate used to discount the nominal WACC into a real WACC.

### App25 -

pp25 - PR14 reconciliation adjustments summary							Nor	thumbria	n Water	Data validation		
e description	Item reference Uni	its DPs	Price base	2015-16	2016-17	2017-18	2018-19	2019-20	2015-20	Calculation, copy or download rule	Validation description	Comple
A Further 2010-15 reconciliation adjustments	-											
1 Water ~ Total Adjustment RCV carry forward to PR19	C00572 L021 En	n 3	2012-13 FYA (RPI)	7					-7.863	Pre populated cell. Final 2010-15 reconciliation adjustments.		
2 Water ~ Total Adjustment Revenue carry forward to PR19	C00578 L021 En		2012-13 FYA (RPI)	1					3.148	Pre populated cell. Final 2010-15 reconciliation adjustments.		
3 Wastewater ~ Total Adjustment RCV carry forward to PR19		n 3	2012-13 FYA (RPI)	-					1.681	Pre populated cell. Final 2010-15 reconciliation adjustments.		
Wastewater ~ Total Adjustment Revenue carry forward to PR19		n 3	2012-13 FYA (RPI)	-					2.618	Pre populated cell. Final 2010-15 reconciliation adjustments.		
5 Water ~ CIS RCV inflation correction		n 3	2012-13 FYA (RPI)	1					-35.639	Pre populated cell. Final 2010-15 reconciliation adjustments.		
6 Wastewater ~ CIS RCV inflation correction		n 3	2012-13 FYA (RPI)	1					-26.694	Pre populated cell. Final 2010-15 reconciliation adjustments.		
7 Water ~ Total Adjustment RCV carry forward to PR19 at 2017-18 FYA CPIH deflated price base			2017-18 FYA (CPIH deflated)	1					-9.045	This is an output from the RCV adjustments model.		
8 Water ~ Total Adjustment Revenue carry forward to PR19 at 2017-18 FYA CPIH deflated price base	APP25004 £r		2017-18 FYA (CPIH deflated)	-					3.621	This is an output from the revenue adjustments model.		
9 Wastewater ~ Total Adjustment RCV carry forward to PR19 at 2017-18 FYA CPIH deflated price base			2017-18 FYA (CPIH deflated)	-					1.933	This is an output from the RCV adjustments model.		
Wastewater ~ Total Adjustment Revenue carry forward to PR19 at 2017-18 FYA CPIH deflated price base	APP25006 £r		2017-18 FYA (CPIH deflated)	1					3.012	This is an output from the revenue adjustments model.		
11 Water ~ CIS RCV inflation correction at 2017-18 FYA CPIH deflated price base	APP25007 £r		2017-18 FYA (CPIH deflated)	1					-40,999	This is an output from the RCV adjustments model.		
12 Wastewater ~ CIS RCV inflation correction at 2017-18 FYA CPIH deflated price base			2017-18 FYA (CPIH deflated) 2017-18 FYA (CPIH deflated)	1					-30,708	This is an output from the RCV adjustments model.		
2 modernala disenter minalasi concellasi al 2011 for modernale pince base			2017 101 174 (OF IN deliated)	1					55.700	This is an output nomine nov adjustments model.		
Adjustment to RCV from disposal of land												
Xadustrient to RCV Iron disposal of land     Water ~ NPV effect of 50% of proceeds from disposals of interest in land at 2017-18 FYA CPIH deflated price base	A7011W CPY Er	. 2	2017-18 FYA (CPIH deflated)	7				1	-3.581	Copied from App9 line 11.		
Water ~ NPV effect of 50% of proceeds from disposals of interest in land at 2017-16 FYA CPIH deflated price base			2017-18 FYA (CPIH deflated) 2017-18 FYA (CPIH deflated)	-					0.327	Copied from App9 line 22.		
Wastewater ~ IVF V effect of 50% of proceeds from disposals of interest in and at 2017-16 FTA CFIn denated price base	Aloniww_orl b	11 3	2017-18 FTA (CFIII deliated)	1					0.327	Copied Ironi Appa line 22.		
C Outcome delivery incentive reconciliation adjustments to be applied at PR19	10000010 0001			-								
15 ODI in-period revenue adjustment ~ Total net revenue adjustment at 2017~18 FYA CPIH deflated price base			2017-18 FYA (CPIH deflated)	-					0.000	Copied from App27 line 40.		
ODI end of period revenue adjustment ~ Total net revenue adjustment at 2017-18 FYA CPIH deflated price base     ODI end of period RCV adjustment ~ Total net adjustment at 2017-18 FYA CPIH deflated price base	APP27047_CPY £r APP27052 CPY £r		2017-18 FYA (CPIH deflated)	-					-0.124 18.438	Copied from App27 line 47 Copied from App27 line 53		
1/ ODI end of period RCV adjustment ~ Total net adjustment at 2017~18 FYA CPIH deflated price base	APP27052_CPY £r	n 3	2017-18 FYA (CPIH deflated)	1					18.438	Copied from App27 line 53		
D Wholesale total expenditure outperformance sharing												
18 Water: Totex menu revenue adjustment at 2017-18 FYA CPIH deflated price base	WS15026_CPY £r	n 3	2017-18 FYA (CPIH deflated)	1			1	7.796		Copied from WS15 line 26.		
19 Water: Totex menu RCV adjustment at 2017-18 FYA CPIH deflated price base	WS15027 CPY En	n 3	2017-18 FYA (CPIH deflated)					20.693		Copied from WS15 line 27.		
20 Wastewater: Totex menu revenue adjustment at 2017-18 FYA CPIH deflated price base	WWS15021_CPY En		2017-18 FYA (CPIH deflated)	1				-5.272		Copied from WWS15 line 21.		
Wastewater: Totex menu RCV adjustment at 2017-18 FYA CPIH deflated price base	WWS15022_CPY En	n 3	2017-18 FYA (CPIH deflated)	1				-132.369		Copied from WWS15 line 22.		
				-								
E Wholesale revenue forecasting incentive mechanism												
22 WRFIM Total reward / (penalty) at the end of AMP6 ~ water network plus	W\$13027_CPY £r	n 3	2017-18 FYA (CPIH deflated)	1			1	0.001		Copied from WS13 line 31.		
23 WRFIM Total reward / (penalty) at the end of AMP6 ~ wastewater network plus	WWS13027_CPY En	n 3	2017-18 FYA (CPIH deflated)	1				0.000		Copied from WWS13 line 31.		
				-								
F Reconciliation of household retail revenue												
24 Residential retail revenue adjustment at 2017-18 FYA CPIH deflated price base	R9046_CPY £r	n 3	2017-18 FYA (CPIH deflated)	1			1	-0.176		Copied from R9 line 46.		
				-								
G Water trading incentive reconciliation												
Total value of export incentive - water resources at 2017-18 FYA CPIH deflated price base	WS17028_CPY Er	n 3	2017-18 FYA (CPIH deflated)	1			L L	7.088		Copied from WS17 line 56.		
Total value of export incentive - water network plus at 2017-18 FYA CPIH deflated price base	W\$17029 CPY £r		2017-18 FYA (CPIH deflated)	1				0.000		Copied from WS17 line 57.		
27 Total value of export incentive to be paid after PR19 at 2017-18 FYA CPIH deflated price base			2017-18 FYA (CPIH deflated)	1			ŀ	3,160		Copied from WS17 line 58.		
8 Total value of import incentive - water resources at 2017-18 FYA CPIH deflated price base			2017-18 FYA (CPIH deflated)	1				0.000		Copied from WS17 line 59.		
29 Total value of import incentive - water network plus at 2017-18 FYA CPIH deflated price base	W\$17032 CPY £r		2017-18 FYA (CPIH deflated)	1			ŀ	0.000		Copied from WS17 line 60.		
To a read of import incentry water network places for the The Ori in denated place base			2000 (Or in denated)	-				0.000		copica noni vici i nicio.		
H Service incentive mechanism												
0 SIM forecast revenue adjustment at 2017-18 FYA CPIH deflated price base	Diagona CDV Co		2017-18 FYA(CPIH deflated)	7					11.672	Copied from B10 line 9		

# Lange Copy Calculation Pre populated

#### App25 guidance and line definitions

This table summarises the adjustments arising from the 2010-15 reconciliation and from each of the PR14 reconciliations of performance in the period ending 31 March 2020. This table copies values entered in the tables for each of the PR14 reconciliation mechanisms. Block A relates to the further adjustments arising from the 2010-15 reconciliation to reflect the updated information for 2014-15. These are residual to the adjustments already recovered through the 2015-20 price controls. All input and copied values are in 2017-18 prices.

Line	Definition
	Further 2010-15 reconciliation adjustments
1-4	2010-15 reconciliation adjustments. These are the further adjustments arising from the update to take account of actual 2014-15 performance.
	Note - lines 2 and 4 relate to CIS revenue adjustments only, as per the PR09 legacy blind year adjustments model (published in December 2017).
5-6	The adjustments to ensure consistency in how we apply inflation indices for the PR09 capital expenditure incentive scheme, we published the adjustments in October 2016.
7	Line 1 inflated to 2017-18 prices. This is an output from the RCV adjustments model.
8	Line 2 inflated to 2017-18 prices. This is an output from the revenue adjustments model.
9	Line 3 inflated to 2017-18 prices. This is an output from the RCV adjustments model.
10	Line 4 inflated to 2017-18 prices. This is an output from the revenue adjustments model.
11	Line 5 inflated to 2017-18 prices. This is an output from the RCV adjustments model.
12	Line 6 inflated to 2017-18 prices. This is an output from the RCV adjustments model.

pp27 - PR14 reconciliation - financial outcome delivery incentives summary					No	rthumbria	n water		Data validation			
ne description	Item reference	inits DPs	2015-16	2016-17	2017-18	2018-19	2019-20	Total to be applied at	Calculation, copy or download rule	Validation description	Completion	Т
ne waariiparan	item reference	Dilits DPs	201516	201007	2017-18	2010-19	2019-20	PR19	Calculation, copy or download rule	Validation description	Completion	
A In-period ODI revenue adjustments by PR14 price control units (2012-13 prices)												
A In-period ODI revenue adjustments by PR14 price control units (2012-13 prices) Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Wholesale water	APP27001	£m 3	0.000	0.000	0.000	0.000	0.000	0.000				
Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Wholesale water Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Wholesale water	APP27001 APP27002	£m 3	0.000		0.000		0.000	0.000				
Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Wholesale wastewater Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Retail (household)		£m 3	0.000		0.000	0.000	0.000	0.000				
Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Retail (non-household)     Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Retail (non-household)		£m 3	0.000		0.000		0.000	0.000				
Total net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Retail (non-independed)     Total net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ PR14 controls		Em 3	0.000				0.000	0.000	Calculated. Sum of lines 1 to 4	Line 21 = Line 5		
B End of period ODI revenue adjustments by PR14 price control units (2012-13 prices)	APP27006		0.000	0.000	0.000	0.000						
Net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Wholesale water     Net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Wholesale wastewater		£m 3 £m 3	0.000		0.000		0.000	0.000				
<ol> <li>Net performance payment / (penality) applied to revenue for end of period ODI adjustments ~ twinolesale wastewater</li> <li>Net performance payment / (penality) applied to revenue for end of period ODI adjustments ~ Retail (household)</li> </ol>		£m 3	0.000		0.000		0.000	-0.108				
9 Net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Retail (non-household)	APP27008	£m 3	0.000		0.000		0.000	0.000				
Total net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Retail (intrihousenous)     Total net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Retail (intrihousenous)		£m 3	0.000				0.000	-0.108	Calculated. Sum of lines 6 to 9	Line 28 = Line 10		
C End of period ODI RCV adjustments by PR14 price control units (2012-13 prices)												
11 Net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ Wholesale water		£m 3	3.137		0.794		0.337	7.458				
Net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ Wholesale wastewater     Net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ Thames Tideway	APP27012 APP27013	£m 3 £m 3	0.593	1.221	2.341	2.156	2.257	8.569				
13 Net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ Inames Tideway 14 Total net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ PR14 controls		£m 3 £m 3	3.730	4.074	3.135	2.493	2.594	16.027	Calculated, Sum of lines 11 to 13	Line 33 = Line 14		
14 [ Foral net performance payment / (penalty) applied to KCV for end or penod CDI adjustments ~ PR14 controls	APP2/014	uni 3	3.730	4.074	3.135	2.493	2.594	16.027	Calculated. Sum of lines 11 to 13	une 33 = une 14	l	
D In-period ODI revenue adjustments allocated to PR19 price controls (2012-13 prices)												
15 Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Water resources		£m 3	0.000		0.000		0.000	0.000				
16 Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Water network plus	APP27016	£m 3	0.000		0.000		0.000	0.000				
17 Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Wastewater network plus		£m 3	0.000		0.000		0.000	0.000				
18 Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Bioresources		£m 3	0.000		0.000		0.000	0.000				
19 Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Residential retail		£m 3	0.000		0.000		0.000	0.000				
20 Net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ Business retail	APP27020	£m 3	0.000		0.000		0.000	0.000				
21 Total net performance payment / (penalty) applied to revenue for in-period ODI adjustments ~ PR19 controls	APP27021	£m 3	0.000	0.000	0.000	0.000	0.000	0.000	Calculated. Sum of lines 15 to 20	Line 21 = Line 5		
E End of period ODI revenue adjustments allocated to PR19 price controls (2012-13 prices)												
22 Net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Water resources	APP27022	£m 3	0.000	0.000	0.000	0.000	0.000	0.000				
23 Net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Water network plus		£m 3	0.000	0.000	0.000	0.000	0.000	0.000				
24 Net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Wastewater network plus		£m 3	0.000		0.000		0.000	0.000				
25 Net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Bioresources	APP27025	£m 3	0.000	0.000	0.000	0.000	0.000	0.000				
26 Net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Residential retail	APP27026	£m 3	0.000	0.000	0.000	-0.108	0.000	-0.108				
27 Net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ Business retail		£m 3	0.000		0.000		0.000	0.000				
28 Total net performance payment / (penalty) applied to revenue for end of period ODI adjustments ~ PR19 controls	APP27028	£m 3	0.000	0.000	0.000	-0.108	0.000	-0.108	Calculated. Sum of lines 22 to 27	Line 28 = Line 10		
F End of period ODI RCV adjustments allocated to PR19 price controls (2012-13 prices)												
29 Net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ Water resources	APP27029	£m 3	0.000	0.000	0.000	0.000	0.000	0.000				
30 Net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ Water network plus		£m 3	3.137	2.853	0.794	0.337	0.337	7.458				
31 Net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ Water network plus	APP27031	£m 3	0.593		2.341		2.257	8.569				
32 Net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ Thames Tideway	APP27032	£m 3										
33 Total net performance payment / (penalty) applied to RCV for end of period ODI adjustments ~ PR19 controls		£m 3	3.730	4.074	3.135	2.493	2.594	16.027	Calculated. Sum of lines 29 to 32	Line 33 = Line 14		
In-period ODI revenue adjustments input to PR19 financial model (2017-18 prices)     ODI in-period revenue adjustment - Water resources at 2017-18 FYA CPIH deflated price base	APP27034	£m 3	1					0.000	Output item from revenue adjustments feeder model			
34 ODI in-period revenue adjustment ~ Water resources at 2017~18 FTA CPIH deflated price base 35 ODI in-period revenue adjustment ~ Water network plus at 2017~18 FYA CPIH deflated price base		£m 3	-					0.000	Output item from revenue adjustments feeder model Output item from revenue adjustments feeder model			
35 ODI in-period revenue adjustment ~ Water network plus at 2017~16 FTA CPIH deflated price base 36 ODI in-period revenue adjustment ~ Wastewater network plus at 2017~18 FTA CPIH deflated price base		£m 3	1					0.000	Output item from revenue adjustments feeder model Output item from revenue adjustments feeder model			
36 IODI in~period revenue adjustment ~ Wastewater network plus at 2017~18 FTA CPIH deflated price base 37 IODI in~period revenue adjustment ~ Bioresources at 2017~18 FYA CPIH deflated price base	APP27036 APP27037	£m 3	1					0.000	Output item from revenue adjustments feeder model Output item from revenue adjustments feeder model			
3/ ODI in~period revenue adjustment ~ Bioresources at 2017~16 FTA CPIH deflated price base 38 ODI in~period revenue adjustment ~ Residential retail at 2017~18 FYA CPIH deflated price base		£m 3	1					0.000	Output item from revenue adjustments reeder model Output item from revenue adjustments feeder model			
38 ODI in-period revenue adjustment ~ Residential retail at 2017~18 FYA CPIH deflated price base 39 ODI in-period revenue adjustment ~ Business retail at 2017~18 FYA CPIH deflated price base		£m 3	1					0.000	Output item from revenue adjustments feeder model Output item from revenue adjustments feeder model			
ODI in-period revenue adjustment ~ Total net revenue adjustment at 2017~18 FYA CPIH deflated price base     ODI in-period revenue adjustment ~ Total net revenue adjustment at 2017~18 FYA CPIH deflated price base		£m 3	1					0.000	Calculated. Sum of lines 34 to 39			
			-								1	
H End of period ODI revenue adjustments input to PR19 financial model (2017-18 prices)			-						-			
41 ODI end of period revenue adjustment ~ Water resources at 2017~18 FYA CPIH deflated price base		£m 3	-					0.000	Output item from revenue adjustments feeder model			
42 ODI end of period revenue adjustment ~ Water network plus at 2017~18 FYA CPIH deflated price base	APP27042	£m 3	-					0.000	Output item from revenue adjustments feeder model			
43 ODI end of period revenue adjustment ~ Wastewater network plus at 2017~18 FYA CPIH deflated price base		£m 3	-					0.000	Output item from revenue adjustments feeder model			
44 ODI end of period revenue adjustment ~ Bioresources at 2017~18 FYA CPIH deflated price base		£m 3 £m 3	-						Output item from revenue adjustments feeder model			
45 ODI end of period revenue adjustment ~ Residential retail at 2017~18 FYA CPIH deflated price base			-					-0.124	Output item from revenue adjustments feeder model			
45 ODI end of period revenue adjustment ~ Business retail at 2017~18 FYA CPIH deflated price base     47 ODI end of period revenue adjustment ~ Total net revenue adjustment at 2017~18 FYA CPIH deflated price base		£m 3 £m 3	1					0.000	Output item from revenue adjustments feeder model Calculated. Sum of lines 41 to 46			
	AT11047		-					-9.124	Concensed, OUTLOT ITIES 41 ID 40		l .	
I End of period ODI RCV adjustments input to PR19 financial model (2017-18 prices)			_						-			
48 ODI end of period RCV adjustment ~ Water resources at 2017~18 FYA CPIH deflated price base		£m 3						0.000	Output item from RCV adjustments feeder model.			
49 ODI end of period RCV adjustment ~ Water network plus at 2017~18 FYA CPIH deflated price base	APP27049	£m 3						8.580	Output item from RCV adjustments feeder model.			
50 ODI end of period RCV adjustment ~ Wastewater network plus at 2017~18 FYA CPIH deflated price base		£m 3						9.858	Output item from RCV adjustments feeder model.			
51 ODI end of period RCV adjustment ~ Thames Tideway at 2017~18 FYA CPIH deflated price base 52 ODI end of period RCV adjustment ~ Total net adjustment at 2017~18 FYA CPIH deflated price base		£m 3	-					18.438	Output item from RCV adjustments feeder model. Calculated. Sum of lines 48 to 51			

KEY Copy Calculation Pre populated App27 guidance

Companies should enter a summary of the financial adjustments arising from the actual and forecast performance levels as calculated under the PR14 reconciliation nutebook methodology. The table holdes but in-priorite and end-dynetic adjustments with a benefation by PR14 price control lement and a benefation by the proposed adjustment by the price adjustment and the second and the price adjustment and the second and the dynet adjustment and a benefation by the price adjustment by the price adjustment and a benefation by the price adjustment adjustment adjustment adjustment adjustment adjustment adjustment adjustment adjustment and a benefation by the price adjustment adjustment

Blocks A to F are in 2012-13 prices. Blocks A to C show the total amounts relating to each of the PR14 price control elements (see table App5 column D). Blocks A to C show the natural adjuscuted to the PR14 price control. As set out in chapter 12, we will apply revenue adjustments to the network plus control except where an ODI is wholly aligned to water resources, bioinstources or retail, RCV adjustments for water will be applied in full to wasterwater network plus.

The "total to be applied at PR19" column in blocks D to E are inputs to the revenue adjustments feeder model and the "total to be applied at PR19" of block F are inputs to the RCV adjustments feeder model.

Blocks G to I are in 2017-18 prices. These are outputs from the revenue adjustments feeder model and RCV adjustments feeder model.

Block A In relation to the in-specied ODIs for the three companies with in-specied ODIs in 2015-20, those three companies should complete the in-specied ODI blocks with the actual amounts determined by Ofwat in December 2016 (in 2015-16) and December 2017 (ior 2016-17) for each price control. Companies should also include forecasts for 2017-18, 2016-19 and 2015-20. However when completing the "total to be applied at PR19" column should be careful to ensure they only enter the amount they want to claim for PR19. We will cany out in-period ODI determinations in December 2018 and December 2018 was December 2020 where some of the lorecast ODI payments will be determined.

For all companies we expect Table App27 to be consistent with the information submitted in Tables App5 and App6. If this is not the case a company must provide a full explanation.

App31 - Past performance	Northumbrian Water Data validation
ine description	Item reference Units DPs 2015-16 2016-17 2017-18 2018-19 2019-20 Calculation, copy or download rule Validation description
rice base	Not applicable
A Complaints from residential and business customers	
1 Stage 1 complaints received	EM200 mr 0 6106 5344 3874 3200 3000
2 Complaints escalated internally to stage 2	SM00005 m 0 255 161 126 120 110
3 Complaints referred to CCWater 4 Investigations opened by CCWater	AP231000 ar 0 407 299 237 188 180 AP2310004 ar 0 0 0 0 0 0 0
5 Complaints investigated by Ofwat or WATRS	AP23005 a 0 6 7 8 7 7
B Major incidents	
6 Total number of major incidents	APP310006 mr 0 0 2 2
C Compliance with Environment Agency/National Resources Wales statutory requirements	
7 Number of category 1 & 2 serious pollution incidents 8 Number of category 3 pollution incidents	CERDON N 0 5 9 2 0 0 BC-MB9 n 0 151 102 48 81 76
9 Discharge permit compliance	APP310009 % 1 92.4% 97.8% 98.0% 92.4% 100.0%
10 Satisfactory sludge use / disposal	APP310010 % 1 100.0% 100.0% 100.0% 100.0%
11 Prosecutions for breach of relevant environmental requirements enforced by EANRW 12 Enforcement undertakings for breach of relevant environmental requirements from EANRW	
<ol> <li>Enrorbiment orbitratings for breach of relevant environmental requirements from EA/NRW</li> <li>Formal cautions for breach of relevant environmental requirements from EA/NRW</li> </ol>	APP30012 m 0 0 1 0 0
D Compliance with DWI statutory requirements	APP310014 mr 0 0 0 0
14 Formal cautions for breach of drinking water quality requirements 15 Completed prosecutions for breach of drinking water quality requirements	APP310014 mr 0 0 0 0 0
E Compliance with Ofwat regulatory requirements	40210046
16 Completed enforcement action taken under the Water Industry Act 1991 and the licence 17 Completed enforcement action taken under competition law	APP310016 mr 0 0 0 0 0
EY	
Input Copy	
Calculation	
Pre populated	
App31 guidance and line definitions	
The purpose of this table is to provide information on past performance that is not captured in other of	data tables associated with the PR14 reconciliations.
Block A covers complaints from residential and business customers and records the number of comp include peridential and business customer complaints. After 1 April 2017, for comparing that have an	plaints at each of the key stages in the complaint handling process. Before 1 April 2017 this should which the hundress entries market hundress controllence complaints the block the technol.
include residential and business customer complaints. After 1 April 2017, for companies that have ex to wholesaler operations. For non exited companies from 1 April 2017 business customer complaints	ts should be separately identified for those that relate to wholesaler and retailer operations.
Block B seconds the number of major incidents that the company has dealt with if any. Companies sh	shruld nowled a brief description for each incident in the commentary. The description shruld include
the details of the date, duration, number of customers affected by the disruption to normal business a	should provide a brief description for each incident in the commentary. The description should include and the lessons learnt as a result of the incident.
Block C course compliance with statutory sequinements around environmental protection enforced by	w the Environment Agency and Natural Resources Wales. The definitions for these lines are set out in
The Environment Agency Environmental Performance Assessment methodology. Category 1, 2 & 3 p	pollution incidents as related to wastewater assets. If companies prefer to report this information by
calendar rather than financial year they are free to do so and populate calendar year 2015 data in th incidents only. Water only companies are not required to complete block C.	the 2015-16 column, 2016 data in 2016-17 and so on. Block C concerns wastewater pollution
Block D refers to compliance with statutory obligations on drinking water quality enforced by the Drin	inkng Water Inspectorate.
Block E relates to completed Ofwat enforcement actions.	
Completed enforcement action under the Water Industry Act includes:	
Section 22A financial penalties	
Section 207 successful prosecutions for provision of false information	
Completed enforcement action taken under competition law, including: Infringement decisions of any competition authority in relation to the Chapter I or II prohibition of the	to Connection Act 1999 or of Articles 191 or 192 of the Treats on the Exectionize of the Execution
Union	in companier est rate or or restaur for or for or the memory of the Fanciening of the Early-paint
<ul> <li>Successful private actions in any court or tribunal in relation to breach of competition law</li> <li>Successful prosecutions of a company director for the cartel offence under section 188 of the Enter</li> </ul>	termine Art 2002
<ul> <li>Successful prosecutions of a company director for the cartel offence under section 188 of the Enter Findings of an adverse effect on competition following a market investigation under the Enterprise J</li> </ul>	Act 2002
Line Definition	
tlock A Complaints from residential and business customers	
1 Total number of written complaints received from household and non household customers. 2 Total number of complaints not resolved at stage 1 and escalated internally to stage 2. The	Ine dennition should use the CCWrater guidance on complaint handling.      edefinition should use the CCWrater guidance on complaint handling.
<ol> <li>Total number of complaints referred to CCWater, as referenced in CCWater's End of Year</li> <li>Total number of complaints referred to CCWater, as referenced in CCWater's End of Year</li> </ol>	r Complaints and Enquiries report.
4 Total number of investigations opened by CCWater against companies, as referenced in Cl	
5 Total number of customer complaints where a case has been opened and formally investigated by the balance of the second sec	ated by Ofwat or WATRS.
6 Number of major incidents. A major incident is defined as a category 1 event by the EA/NRV	RW or a major water quality event by the DWI.
Block C Compliance with Environment Agency/National Resources Wales statutory requirements	
7 Total number of category 1 & 2 pollution incidents defined by EA/NRW as follows - The total the greater part of the report year, emanation from a discharge or process of a contemport.	al number of serious pollution incidents (categories 1 and 2) in a calendar year which overlaps with It from a company severage asset affection the water environment. This does not include incidents
impacting on air or land. Incidents affecting amenity of the water environment, e.g. Bathing	t from a company severage asset affecting the water environment. This does not include incidents Waters, are included. This does not include pollution incidents from transferred/adopted private
pumping stations or transferred/adopted private rising mains (transferred in 2016). Pollution included in this parious pollution incidents powerpage definition. Amount included in the parious	in incidents attributed to the clean water distribution system and water treatment works are not erage service are:
- sewage treatment works;	
<ul> <li>foul sewers, including private sewers transferred to the water companies in Oct 2011 (use combined sewer overflows;</li> </ul>	sed in the EPA from 1 Jan 2016);
<ul> <li>combined sever overflows;</li> <li>rising mains;</li> </ul>	
- pumping stations:	
- storm tanks; - surface water outfalls;	
- other.	
This is not an exhaustive list. The 'other' category is an optional categorisation used in the where the incident source does not fit in any of the other categories. It is generally used ve	e Environment Agency National Incident Recording System (NRS) database for recording incidents
where the incluent source does not fit in any of the other categories. It is generally used ve	nty intrequentity due to used occusioneity.
8 Total number of category 3 collution incidents defined by EA/NRW as follows - The total num	umber of pollution incidents (category 3) in a calendar year which overlaps with the greater part of the
Incidents affecting amenity of the water environment, e.g. Bathing Waters, are included. Thi	his does not include pollution incidents from transferrediadopted private pumping stations or d to the clean water distribution system and water treatment works are not included in this serious
transferred adopted private nsing mains (transferred in 2016). Pollution incidents attributed pollution incidents sewerage definition.	a to the creat when connected system and while institute works and not included in the sectors

	transformed/adopted private rising mains (transformed in 2016). Pollution incidents attributed to the clean water distribution system and water treatment works are not included in this serious pollution incidents severage definition.
	posicioni incleante samentago deminion. Assetes included in the severage service are:
I	- Several transmission of the several s
	<ul> <li>foul severs, including private severs transferred to the water companies in Oct 2011 (used in the EPA from 1 Jan 2016);</li> </ul>
I	<ul> <li>combined sewer overflows;</li> </ul>
I	- rising mains;
I	- pumping stations;
	- storm tanks;
	- surface water outfalls;
	- unw. This is not an exhaustive list. The 'other' category is an optional categorisation used in the Environment Agency National Incident Recording System (NRS) database for recording incidents
	This is not an entransitive sit. The other category is an optional categorisation date in the Environment Agency National models recording System (Nets) database for recording models where the incident source does not fit in any of the other categories. It is generally used very infrequently but is used occasionally.
9	The definition for Discharge Permit Compliance is set out in section 2.3 of the Environment Agency's Water & Sewerage Company Environmental Performance Assessment (EPA)
	Methodology (version 3), November 2017. Note that the data to be recorded relates to compliance with certain numeric consent conditions (specified in the EA's Methodology) at both sewage treatment works and water treatment works
	Note that the case of high registry of the registry war.
10	For 2017-18 and prior years: Percentage of overall tds production which is determined as satisfactory by the company, but which, as a minimum, is compliant with the Safe Studge Matrix and
	with any legal obligations, including the Urban Waste Water Treatment Directive, the Sludge (Use in Agriculture) Regulations and the Environmental Permitting (England and Wales)
	Regulations 2010.
	For 2018-19 onwards: Percentage of overall tds production utilised in a compliant manner in the calendar year which overlaps with the greater part of the report year. "Compliant" should be
	interpreted as compliant with the Studge (Use in Agriculture) Regulations, the EPR Regulations in so far as they apply to the recycling &/or disposal of sewage sludge containing products and
11	The definition for prosections is set out in the Environment Agency's enforcement and sanctions policy (ESP). Include only completed prosecutions, not the ongoing cases.
12	The definition for enforcement undertakings is set out in the Environment Agency's enforcement and sanctions policy (ESP). Only include undertakings accepted by the EANRW and not those
	that have been submitted and are awaiting decision or those that have been rejected.
13	The definition of formal cautions is set out in the Environment Agency's enforcement and sanctions policy (ESP).
	Compliance with DWI statutory requirements
14	Number of cautions related to water quality incidents as defined by DWI.
15	Number of successful prosecutions for water quality incidents.
	Compliance with Ofwat regulatory requirements
	Total should include section 18 enforcement orders, section 19 undertakings, section 22A financial penalties and section 207 successful prosecutions for false information.
17	Total should include
	Infringement decisions of any competition authority in relation to the Chapter I or II prohibition of the Competition Act 1998 or of Articles 81 or 82 of the Treaty on the Functioning of the
	European Union - Successful review actions in any court or tribunal in relation to breach of concetifion law
	<ul> <li>Successful private actions in any court or tribunal in reliation to breach of competition law</li> <li>Prosecution of a company director for the carted offence under section 198 of the Entermise and 2002</li> </ul>

Prosecution of a company director for the cartel offence under section 188 of the Enterprise Act 2002
 Findings of an adverse effect on competition following a market investigation under the Enterprise Act 2002
 Understaing in lieu of a market investigation reference under the Enterprise Act 2002

8.056 8.056 8.056 8.056

-5.466 0.000

-5.466

-7.061

0.000

-7.061

 11.693
 13.685
 12.470
 9.858

 3.151
 4.960
 3.419
 0.527

8.056

8.056 -1.554

-9.655

0.000 -9.655 0.001

0.001

513 - PR14 wholesale revenue forecast incentive mechanism for the	e water service						Northur	nbrian Wat	ater Data validation
ne description	Item reference Units DPs	Price base	2014-15	2015-16 20	016-17 201	7-18 201	8-19 201	9-20 2015-3	5-20 Calculation, copy or download rule Validation description
A Company details for WRFIM model									
1 Company name	text -								NES Prepopulated cell
2 Company type	BF200 Nr 0								Prepopulated cell. Key: 1=WoC, 2=WaSC
3 Company has accepted WRFIM licence modification	WS13003 Boolean 0							Т	TRUE True/False
B WRFIM model parameters									
4 Penalty rate scaling minimum threshold (+/-)	W\$13004 % 2		1					2.	2.00% PR14 reconciliation rulebook specifies value. Generic
5 Penalty rate scaling maximum threshold (+/-)	W\$13005 % 2		1					3.	3.00% PR14 reconciliation rulebook specifies value. Generic
6 Penalty rate (+/-)	WS13006 % 2							3.	3.00% PR14 reconciliation rulebook specifies value. Generic
7 Specified discount rate	WS13007 % 2							0.	D.00% FD14 data pre-populated cell
8 Threshold for additional variance analyses (+/-)	WS13008 % 2							6.	5.00% PR14 reconciliation rulebook specifies value. Generic
			-						
C Allowed revenue									
9 Allowed revenue - water	WS13009 £m 3	Outturn (nominal)	405.534						FD14 data pre-populated cells.
10 Actual RPI: November index year on year change	APP23001_CPY % 2			1.98%				3.01%	Copied from table App23 line 30.
11 K ~ water	WS13011 nr 2			0.00	0.84	0.35	0.06	0.06	Extracted from FD14 and calculated to convert from % to nr format
12 Total revenue forecast ~ water	WS13012 £m 3	Outtum (nominal)	405.534	413.577	421.394 4	32.115 44	49.138 4	52.924	Calculated
D AMP5 RCM blind year adjustment									
13 RCM blind year 14/15 adjustment for implementing via WRFIM ~ water	C00052_L021 £m 3	2012-13 FYA	-5.384						Final 2010-15 reconciliation data pre-populated cell
14 Percentage of RCM adjustment by year ~ water	WS13014 % 2					0.00%	0.00%	0.00%	Final 2010-15 reconciliation implemented in 2017-18 charges pre-populated cell All values must be >=0; sum of values must be <=1.
E Revenue recovered									
15 Water: Unmeasured ~ household	CR581 £m 3	Outturn (nominal)		196.966				92.901	APR (table 2I) reported actual data pre-populated cells
16 Water: Unmeasured ~ non-household	CR583 £m 3	Outturn (nominal)		2.439	1.207			1.491	APR (table 2I) reported actual data pre-populated cells
17 Water: Measured ~ household	CR582 £m 3	Outturn (nominal)		117.744				52.399	APR (table 2I) reported actual data pre-populated cells
18 Water: Measured ~ non-household	CR584 £m 3	Outturn (nominal)		82.827				90.801	APR (table 2I) reported actual data pre-populated cells
19 Water: Third party revenue ~ household	W9008HH £m 3	Outturn (nominal)		0.000				0.000	APR (table 21) reported actual data pre-populated cells
20 Water: Third party revenue - non-household	W9008NHH £m 3	Outturn (nominal)	4	6.840				7.578	APR (table 2I) reported actual data pre-populated cells
21 Water: Revenue collected from household and non-household	BR589 £m 3	Outturn (nominal)						45.170	Sum lines 15 to 20
22 Water: Grants and contributions	BC11274IN £m 3	Outturn (nominal)	4	11.693				8.056	APR (table 2I) reported actual data pre-populated cells
23 Water: Revenue recovered	W9014 £m 3	Outturn (nominal)	1	418.509	427.592 4	35.056 44	42.076 4	53.226	Sum lines 21 and 22

E F	Variance analysis of grants and contributions				
24	Water: Capital contributions from connection charges and revenue from infrastructure charges (PR14 FD)	C_ES_000660_A001	£m	3	2012-13 prices
25	Water: Grants and contributions	BC11274_CPY	£m	3	Outturn (nominal)
26	Water: Grants and contributions variance	WS13028	£m	3	Outtum (nominal)
G	Penalties				
27	Main revenue adjustment as incurred - water	W\$13023	£m	3	Outtum (nominal)
28	Penalty adjustment as incurred ~ water	WS13024	£m	3	Outtum (nominal)
29	WRFIM adjustment as incurred ~ water	W\$13025	£m	3	Outturn (nominal)
30	WRFIM Total reward / (penalty) at the end of AMP6 ~ water	WS13026	£m	3	Outtum (nominal)
31	WRFIM Total reward / (penalty) at the end of AMP6 ~ water network plus	W\$13027	£m	3	2017-18 FYA (CPIH deflated)

FD14 data pre-populated cells	
Copy line 22	
Difference line 25 - line 24. Line 24 adjusted to outturn prices using data in App23	

PR14 reconciliation WRFIM model row 41 on calc sheet.	
PR14 reconciliation WRFIM model row 51 on calc sheet.	
PR14 reconciliation WRFIM model row 56 on calc sheet.	
PR14 reconciliation WRFIM model output item row 73 on calc sheet.	
Output item from revenue adjustments model.	

#### KEY

Input Copy

Calculation Pre populated

#### WS13 guidance and line definitions

This table contains the water service inputs used for populating the WRFIM model and the penalties arising as calculated by the WRFIM model. The WRFIM model calculates in outturn prices and is converted to 2017-18 prices in the revenue adjustments model. We expect companies to publish their populated WRFIM models with associated explanation with the regulatory accounts reporting in July 2018.

nition any details for WRFIM model
npany details for WRFIM model
npany details for WRFIM model
FIM model parameters
FIM model parameters as defined in the PR14 reconciliation rulebook.
wed revenue
4-15 allowed revenue from company final determination letter, as adjusted for ODIs or IDoK in accordance with the licence.
r on year increase in November RPI for the November prior to the start of the financial year
ual K factor from the PR14 final determination, as adjusted for in-period ODIs or interim determination of K in accordance with the licence.
al revenue forecasted in PR14. Calculated as 2014-15 allowed revenue (WS13 line 9) compounded by RPI (WS13 line 10) and K (WS13 line 11).
25 RCM blind year adjustment
enue Correction Mechanism (RCM) 2014-15 blind year adjustment implemented via WRFIM. As published in December 2016.
ile for applying the RCM adjustment. This should be in accordance with the choice made (as published) in December 2016.
enue recovered
al revenue recovered from metered and unmetered customers' water charges, household and non-household over the 2015-2020 price review period. Annual wholesale water charge revenue as reported in company's regulatory reporting 21.
culated. Sum of WS13 lines 15 to 20.
al water grants and contributions revenue recovered. As defined in the RAGs for 2017-18 21, total of price control grants and contributions irrespective of accounting treatment. We raised several queries on grants and contributions reporting in the 2016 APR or
7 APR. As a result of these queries, if a company is aware that previous years data has not been correctly reported, they should restate the figures in the pre-populated cells using the definition in the RAGs for 2017-18 reporting.
sulated. Sum of WS13 lines 21 and 22.
ance analysis of grants and contributions
al grants and contributions that are included in the allowed water revenue totals.
event water capital contributions from connection charges and revenue from infrastructure charges, defined in the final determination as covered by the price control. As defined in RAG 4.07 21.
arence in outturn prices between line 24 and line 25 for water grants and contributions. Line 24 is adjusted to outturn prices using data in App23.
attes
n revenue adjustment as incurred. These values are calculated in the PR14 reconciliation WRFIM model on 'WRFIM - Water' sheet in row 41. The values are in outturn prices.
alty adjustment as incurred. These values are calculated in the PR14 reconciliation WRFIM model on WRFIM - Water' sheet in row 51. The values are in outturn prices.
FIM adjustment as incurred. These values are calculated in the PR14 reconciliation WRFIM model on 'WRFIM - Water' sheet in row 56. The values are in outturn prices.
FIM Total reward / (penalty) at the end of AMP6. These values are calculated in the PR14 reconciliation WRFIM model on 'WRFIM - Water' sheet in row 73. The values are in outturn prices.
FIM Total reward / (penalty) at the end of AMP6 expressed in 2017-18 FYA (CPIH deflated) prices. This is an output item from the revenue adjustments feeder model. The value entered is prior to profiling.
F www.4- al en iken iken iken al source al source f F

WS15 - PR14 wholesale total expenditure outperformance sha	ring for the	wate		vico					North	numbrian \	Nator	Data validation	
word - PRIA wholesale total expenditure outperformance sha	anng tor the	wate	rser	NCC					North	uniorian	water		
Line description	Item reference	Units	DPs	Price base	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20 2	015-20	Calculation, copy or download rule	Validation description
A Company details	1												
1 Company type	BF200	Nr	0	1	1						2	Pre-populate cell. Key: 1=WoC, 2=WaSC	
2 Is company enhanced?	WS15001	text	0								No	FD14 data pre-populated cell	Yes or No
3 Financing rate	WS15003	%	2								3.60%	FD14 data pre-populated cell	
D Manushalan	1				-								
B Menu choices 4 Water: Implied menu choice	C00729_W004	Nr	1	0	1						98.3	FD14 data pre-populated cell	
5 Water: FD pension deficit recovery costs allowance	C00729_00004	£m	3	2012-13 FYA (RPI)		3.565	3.565	3.565	3.565	3.565	30.5	FD14 data pre-populated cells	
6 Water: Final menu choice	W\$15006	nr		-		0.000	0.000	0.000	0.000	0.000	94.0	FD14 data pre-populated cell	
C TOTEX													
7 Water: Baseline Totex	C00007_W011	£m	3	2012-13 FYA (RPI)	1	258.823	273.258	282.581	253.751	239.312		FD14 data pre-populated cells	
8 Water: FD allowed totex inclusive of menu cost exclusions, less PDRC allowance	C00772_A001	£m	3	2012-13 FYA (RPI)		263.402	277.608	286.897	258.207	243.830		FD14 data pre-populated cells	
9 Water: Actual Totex	W3026MTIN	£m	3	Outturn (nominal)		282.322	277.320	344.341	352.323	357.893		APR data pre-populated	
	-												
D Adjustments to TOTEX	DMOODTACINI	6-	2	Outhur (analizati	1	13.819	7.094	8.132	0.276	8.627		APR data pre-populated	
Water: Third party services (opex)     Water: Third party services (capex)	BM323TASIN BM333TASIN	£m £m	3	Outturn (nominal) Outturn (nominal)	1	0.000	0.000	0.000	8.376	0.000		APR data pre-populated	
12 Water: Pension deficit recovery costs	CRW003	£m	3	Outturn (nominal)	-	5.582	5.797	6.213	6.403	6.595		APR data pre-populated	
12 Water. Pension denot recovery costs	CR00561TOT	£m	3	Outturn (nominal)	1	0.000	0.000	0.213	0.000	0.000			1
14 Water: Disallowables	WS15014	£m	3	Outturn (nominal)		0.223	0.367	0.288	0.326	0.326			
15 Water: Transition expenditure	BP767NTIN	£m	3	2012-13 FYA (RPI)	0.000							Final 2010-15 reconciliation data pre-populated	
	•					-							
E PAYG 16 Water: PAYG ratio	C00766_A001	96	2		1	61.53%	67.62%	66.77%	74.14%	78.74%		FD14 PAYG ratio. Pre-populate cells	
	000100_1001	70	-		4	01.0070	01.0270	00.1170	14.1470	10.1470			
F Business rates IDoK	1				-								
17 Company specific water business rate sharing rate	WS15017	%		-							0.00%		
18 Menu Cost Sharing Rate	WS15018	nr	2	-							0.50	PR14 reconciliation rulebook specified value. Generic	
19 Menu Choice Expenditure Factor	WS15019	%	2	- 2012-13 FYA (RPI)	-			0.000	0.000		100.00%	PR14 reconciliation rulebook specified value. Generic	
20         Water business rate constant 2017, 2018, 2019           21         Water business rate constant 2017, 2018, 2019	W\$15020 W\$15021	nr	3	Outturn	-			0.000	0.000	0.000		Calculated. Line 20 inflated from 2012-13 FYA RPI prices to year FYA RPI prices	
22 Applicable Water Business Rate Costs	W\$15021	nr	3	Outturn	-			0.000	0.000	0.000		Calculated. Line 20 Initiated from 2012-13 FYA RPI prices to year FYA RPI prices	
23 Water: IDoK Business rates adjustment	WS15023	nr	3	Outturn				0.000	0.000	0.000			
	-				-								
G Totex menu adjustments     Water: revenue adjustment from totex menu model	W\$15024	£m	3	2012-13 FYA (RPI)	1					6.777		Output item from totex menu model	
25 Water: RCV adjustment from totex menu model	WS15025	£m	3	2012-13 FYA (RPI)						17.988		Output item from totex menu model	
26 Water: Totex menu revenue adjustment at 2017-18 FYA CPIH deflated price base	WS15026	£m	3	2017-18 FYA (CPIH deflated)						7.796		Output item from revenue adjustments model.	
27 Water: Totex menu RCV adjustment at 2017-18 FYA CPIH deflated price base	WS15027	£m	3	2017-18 FYA (CPIH deflated)						20.693		Output item from RCV adjustments model.	
KEY Input													
Сору													
Calculation													
Pre populated													
WS15 guidance and line definitions													
THE . I A									1.4				
This table contains the water service inputs used for populating the totex menu model and the to 2017-18 prices in the revenue adjustments model and the RCV adjustments model.	paireward / (pena	aity) arisi	ing as c	alculated by the totex menu	model. The to	nex menu mode	i calculates in	2012-13 price	es and the adjus	siments are con	iverted to		
We expect companies to publish their populated totex menu models with associated explanation	with the regulato	ry accou	unts rep	orting in July 2018.									
Line Definition													
Block A Company details													
1 Company type is either WaSC or WoC.					-		-	-		-			
2 Enhanced or Non-enhanced status in PR14.													
3 Financing rate. The PR14 final determination weighted average cost of capital.											]		
Block B Menu choices													
4 The implied menu choice number for water from PR14 final determination company s 5 The final determinations panelion deficit recovery costs allowance for water from PR1.				necific annendiv									

Totax exclusions. Actual totex line items to be excluded in menu totex: third party costs, pension deficit recovery costs, other cash items, disallowables as set out in the PR14 reconciliation rulebook guidance.
 Totax inclusions – Transition expenditure in 2014-15 (confirmed in final 2010-15 reconciliation decision document).
 Block E PXG
 The profile of PXG ratio allowed in final determinations from PR14 final determination – company specific appendix.
 Block E PXG
 Business rates IDOK. Mechanism to account for the notified item on business rates. Only activated if after successful IDoK. See Annex of company FD letters and section 5.1 of this report for further details.
 Block E Vetx menu adjustments
 Block E appears on the Totex menu adjustments sheet.
 Quput item from totex menu model as appears on the Totex menu adjustments sheet.
 Quput item from rotex us adjustments model. Totex menu adjustments at 2017-18 FYA CPIH deflated price base. The value entered is prior to profiling.
 Quput item from totex menu RCV adjustment at 2017-18 FYA CPIH deflated price base.

5 The final determinations pension deficit recovery costs allowance for water from PR14 final determination – company specific appendix. 6 The submitted final menu choice for water from Menu choice confirmation letter 16th January 2015.

Ofwat's view of the menu cost baseline at final determinations from PR14 populated final determination menu model.
 The allowed expenditure in final determinations for input to PAYG from PR14 populated final determination menu model.

9 Reported actual totex for water from annual regulatory reporting.

Block C TOTEX

Block D Adjustments to TOTEX

Page 9 of 13

WS17 - PR14 water trading incentive reconciliation						Northumbrian Water	Data validation	
Line description	Remindenance Units DPs Price have	3654-55 2615-16 2016-17 2017-18 2018-19 2019-20 2020-01	2025-22 2022-23 2023-24 2024-25 2025-26 202	16-27 2023-28 2028-29 2029-30 2020-31 2021	42 2022-03 2023-04 2024-05 2025-06 2026-07	2027-38 2028-39 2029-40 2040-41 2015-20	Calculation, copy or download rule	Validation description
Besend parameters     Does the company have an Ofest-approved trading and procurement code?	NEITER D .					791.0	1	Success
Time value of money adjustment for export incentive								
2 Real control calobal 3 Vear for decounting ourposes	NECO23 5 2	-1 0 1 2 3 4 8	6 7 8 6 32	11 12 13 14 16	16 17 18 39 20 21	22 23 24 26	P201 data pre-populated cell Daneto	
Environment 1     Eventoperson 1     Eventoper								
Has the company produced a report to evidence that this is a new export and complex with its Ofwar-ap tracing and encourement code?	OBJECTATION         Constraints         Constraints           OBJECTATION         Review         Constraints           OBJECTATION         Review         Constraints           OBJECTATION         No.         2					NE 28/06 14		Surface
Properties of the incentive allocated to the water resources control     Properties of the incentive allocated to the network plus water control	VETTNET306 % 2							Alacation between water missione and ratewide plus. should add up to 100%. Macation between water resource and ratewide plus. should add up to 100%.
Eventset neuroset from export 1     a Desenant neuron fiberiarias of neuron neurosital of server 1	VET7NE1308 Em 3 201213/VE/JPS VET7NE1308 Em 3 201213/VE/JPS	1.302         1.206         1.488         1.488         1.174         1.176           6.000         6.000         6.000         0.000         0.000         0.000           1.302         1.206         1.688         1.488         1.174         1.176	1.174 1.174 1.174 1.174 1.174 6.000 6.000 0.000 0.000 0.000	1.174 1.174 1.134 1.134 1.176 0.000 0.000 0.000 0.000 0.000	1774 1.179 1.174 1.178 0.300 0.800 1.000 0.000 0.000 0.300 0.300	000.0 000.0 000.0 000.0 000.0 000.0 000.0 000.0		Ve expect limitant evenue to be a positive number Velociati costi is expected to be tesis than forecast evenue
A Contraction contract to the contract of the contract o	VEITHE1010 Em 3 2012-13 PV6/RP6 VEITHE1011 year 0	1.302 1.206 1.408 1.408 1.17V 1.17V	3.174 3.174 1.174 3.176	5.176 5.176 5.276 5.276	1716 1.17N 1.17N 0.000 0.000	0.000 0.000 0.000 0.000 2016 2000	Omen	
Last ver to include in cao calculation						2000	Omen	
B New segurit 2 description     Sector State     Sector     Sector State     Sector State     Sector State     Sector St	VET/NE2H1         Fase         0           VET/NE2H1         Month         0           VET/NE2H1         Month         0           VET/NE2H1         No         2           VET/NE2H1         No         2           VET/NE2H1         No         3           VET/NE2H1         En         3							
trading and procurement code?     The Properties of the incentive allocated to the water resources control	VEITHE3000 Bankan 0						1	Surblue Station between water resource and network plus whould add up to 100%.
Proportion of the incentive allocated to the network plus water control     Company amount from amount 9	VET/1423027 % 2 . VET/142308 6m 3 201213/V6/879							Resistion between value resource and nationic plus should add up to 300%. We expect Serviced reserve to be a positive number
Forecast cost: Enclusive of return on capital of export 2     Wet revenue/cost for export 2	WET/NE2302         %         2           WET/NE2302         6m         3         2012-137/0,079           WET/NE2302         6m         3         2012-137/0,079           WET/NE2302         6m         3         2012-137/0,079           WET/NE2302         6m         3         2012-137/0,079	6.000 6.000 6.000 6.000 4.000 4.000	6000 0.000 0.000 0.000	1.000 0.000 0.000 0.000	000 0.000 0.000 0.000 0.000	0.000 0.000 0.000		Secal call is especiel to be test than torecal rearise
Construction of the material     Construction of the material     Construction of the material of the material     Construction of the material	0 way 0.00001100 0 way 0.00001100					0.000 0.000 0.000 0.000 2016 2000	Omenia Omenia	
EVALUATION CONTRACTOR CONTRA	VET/NEXM         Twat         0         -           VET/NEXML         Robin         0         -         -           VET/NEXML         Robin         2         -         -           VET/NEXML         Robin         2         2         -           VET/NEXML         Robin         3         2         2         -           VET/NEXML         Robin         3         2         2         -         -           VET/NEXML         Robin         3         2         2         - <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>Turble</td>						1	Turble
31 Properties of the incentive allocated to the water resources control 32 Properties of the incentive allocated to the remark data water control	VET/198308 % 2							Counties between water resource and network plus should add up to 300%. Counties between water resource and network plus should add up to 300%.
26 Forecast number from except 2 27 Forecast cost, finclusive of return on capital of except 2	WEITNESSE         Em         3         201213703(976)           WEITNESSE         Em         3         201213703(976)           WEITNESSE         Em         3         201213703(976)	000.0 000.0 000.0 000.3 000.3						Ve expect forecast inverse to be a positive number Ve expect forecast inverse to be a positive number Invectost cost in expected to be incodent forecast inverse
w Mar manualized for annual 28 First year to include in cao calculation	VET/NE3010 Em 3 2012-13 POL/PR VET/NE3011 year 0 ·	0.000 0.000 0.000 0.000 0.000	£000 £300 £300 £300	0.000 0000 0000 0000 0000	0.000 0.000 0.000 0.000 0.000	000.0 000.0 000.0 000.0 100.0 000.0 000.0	PR04 econultation rubbook states rate. Generic	
30 Last vesito include in cao calculation	yew 0 -					2020	PR04 econultation rubbook states site. Generia	
Extend values of expect increation     Testal value of expect increation     Testal value of expect increations to be seed to watter restructed as an PR19     Testal value of expect increations to be seed to watter restruct chas an PR19     Testal value of expect increations to be seed of performance	INEUDUL         Em         3         2013 I 3 P08,0P0           NEUDUL         Em         3         2013 I 3 P08,0P0           NEUDUL         Em         3         2013 I 3 P08,0P0           NEUDUL         Em         3         2013 I 3 P08,0P0	4.541 0.000 2.327					Ougutions have user taking scentile reconcilation maked in Dubyoutions have user taking scentile reconciliation maked chained have user taking scentile reconciliation maked	We expect threader in the a positive number We expect threader expected to be a positive number
An Trans verse so madd incention to be paid to water retears cause at Pictur     Tatal value of export incentive to be paid after PR19		3.000 2.747					Output tern true water trading incentive reconciliation madel	Ve especi firmiasi evenue to be a positive number
Ima value of money adjustment for import location     Real control cable     A Veant for time value of money calculation	WEI7NE2_OPY 5 2 NED794 ∞ 0					T anna T	Cay Im 2 Dates	
36 Vient for time value of money calculation	WED916 # 0 .	8 6 3 2 1					Dates	
S New York 1     S NewYork 1     S NewYork 1     S NewYork 1     S NewYork 1     S New							·	
37 Has the company provided evidence that this is a new import and complex with its Ofwar-approved tradi- procurement code?	degand VETTATION Basiser 0 .							tueble
38 Cost or water imported under new import 1 • Proportion of the incentive allocated to the water resources control	VETNO1027         Test         0         .           dirq and         VETNO1024         Ronkes         0         .           WETNO1026         Sin         2         201712798/PF9           WETNO1020         Ni         2         2           WETNO1021         Ni         2         .					0.000		
Properties of the incentive allocated to the network clus water control							L	
New Impact 2     New Impact 2     New Indexect of Impact table     Alexandretence of Impact table     Alexandretence of the this is a new impost and complies with its Ofwar-approved tabl     procurement code!	VET/N007         Two         0         -           deg and VET/N0018         Review         0         -           VET/N0019         Em         3         2020-13 Pr0,079           VET/N0019         Em         3         2         -           VET/N0011         N         2         -         -							
procurement code?     a Cost of water incomed under new incost 2	Unit Property         Marchan         0         -           VET PLOT II         Bandware         0         -           VET PLOT II         Em         3         2013/13 P10(PP)							turbler
O. Can of water imported under new import 3     Poportion of the Acentre allocated to the water resources compol     Poportion of the Acentre allocated to the water of the Acentral     Poportion of the Acentre allocated to the Manual Kau water compol	VETRODO N 3							
1 New York (1)     1 New Yo								
Kanakeletence of incost trade     Has the company provided evidence that this is a new import and complies with its Ofwar-approved trade     The company provided evidence that this is a new import and complies with its Ofwar-approved trade	VEET/NDEXT         Test         0         -           drig and         VEET/NDEXE         Bindee         0         -           VEET/NDEXE         Sex         3         201213/FN8/FF8           VEET/NDEXE         Sex         2         2           VEET/NDEXE         N         2         -							turbur
procurament coder     at Cost of water importal under new import 3	VETRODIO Em 3 2012/13/20,029					0.000		
Properties of the incentive allocated to the water resources control     Properties of the incentive allocated to the research due water control	VEINED N 2 .							
K. Application of import incerdive cap     Hence incertise to the Chi     Reconstruction and activity and the Children and activity of the Children and acti	NE0322 5 1 ·	101 101 101 101 101					PRC4 monutation subloot states star. General	
Recompany's water active turnown     Recompany's water active turnown	NET322 5 1	8.0% 8.0% 8.0% 8.0% 8.0% 386.304 388.309 386.288 387.368 388.208 0.1% 0.1% 0.1% 0.1% 0.1%					PRO4 inconciliation numbers values rate. Openets PRO4 inconciliation numbers and PRO4 inconciliation numbers without values cap. Openets	
L Stat value of import incentive								
as Tatal value of import incentive - water resources Tatal value of import incentive - water network plue	NE11326 Em 3 2012-13 P16(RP) NE11326 Em 3 2012-13 P16(RP)	9.000 9.000					Duput tern form water trading incentive reconciliation model Duput tern form water trading incentive reconciliation model	Ve experit lancast energies to be a positive number Ve experit lancast energies to be a positive number
M Solid value of expert and import incentives in 2017-18 prices								
as Tradicate of according cardia , water resources at 0117-18 CVX / OLI default of a have     Tradicate of econt incentive - water network plus at 2017-18 FVX CP3H default of one-have     Tradicate of econt incentive is an of econt incentive.	NED227 En 3 2017 43 POLCPHilded	7.288					Dapation has menae algorithmic bedar model Capation has menae algorithmic bedar model Capation has menae algorithmic bedar model	Ve expect licenses in one as positive number Ve expect licenses researce in the a positive number Ve expect licenses researce in the a constitue number
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w The share a series beaming as a series measure as 2013 No.21 M / M Added on the series     The series and series incredit-series measures and 2013 No.21 M / M Added on the series     The series and the series incredit-series measures and 2013 NO.21 M / M Added on the series     The series and the series incredit-series and 2013 NO.21 M / M Added on the series     The series and the series incredit-series and 2013 NO.21 M / M Added on the series     The series and the series and the series and 2013 NO.21 M / M Added on the series     The series and the series and the series and 2013 NO.21 M / M Added on the series     The series and the series and the series and 2013 NO.21 M / M Added on the series     The series and the series	S017227         Em         3         2017 (2174)         Control           S017228         Em         3         2017 (2174)         Control         Contro	7.000 0.000 3.300 0.000 0.000					Dajul Iten fain menur adjustness heiter maket Dajul Iten fain menur adjustness heiter maket	Ve report binact means is to a positive winder Ve report binact means is to a positive writer Ve report binact means is on a positive writer
E Card und and conset in some wave more than at 2011 110 1229 advances on a some The constant of the constants in the constant of the constant of the constant of the constant The constant of the constant The constant of the constant o	NEUTO2         Cm         3         2011 FPR CPW about           NEUTO2         Gm         3         2011 FPR CPW about           NEUTO3         Gm         3         2011 FPR CPW about	7000 8000 8000 8000 8000 8000						Ve separt based means on the to a point watter Ve separt based means to be a point watter Ve separt based means on the point watter Ve separt based means the point watter Ve separt based means to be a point watter Ve separt based means to be a point watter Ve separt based means to be a point watter
KEY Copy Copy Costantion Pro populated	NUME         6         3         2011 SIN (Provided)           NUME         6         3         2011 SIN (Provided)           NUME         6         1         2011 SIN (Provided)           NUME         6         1         2011 SIN (Provided)           NUME         6         1         2011 SIN (Provided)           NUME         6         3         2011 SIN (Provided)           NUME         6         3         2011 SIN (Provided)	748 343 348 446						Yo separit havani mana hi ka panila namini Yo separit havani mana ka ba panila namini Yo separit havani mana ka ba panila namini Yo separit havani mana ka ba panila namini Ya separit havani mana ka ba panila namini Ya separit havani mana ka ba panila namini Ya separit havani mana ka ba panila namini
NY Papat Capy Cacadaton Papapated Papapated								Na nggan kanan ang ang kang an
NY cap control of the second s	certive payments, das at PR11 auct to be paid after PR11 The water tracing incentive							Na mgani hanan ana ku ku punika anim Mangani hanan ana ku ku punika anim Na mgani hanan ana ku ku punika anim Na mgani hanan anima ku ku punika anim Na mgani hanan anima ku ku punika anim
NY Real Real Real Real Real Real Real Real	confue payments dae at PA11 and to be paid the PA11 The water mixing incentive confue payments called in Describer 2018.							In operit tages many tage a parket same second second sec
ET     Expension     Expension     Pappane      That are more for pape and of     That are more for pape and     That	confue payments dae at PA11 and to be paid the PA11 The water mixing incentive confue payments called in Describer 2018.							
ET     Expension     Expension     Pappane      That are more for pape and of     That are more for pape and     That	confue payments dae at PA11 and to be paid the PA11 The water mixing incentive confue payments called in Describer 2018.							
NY Real Real Real Real Real Real Real Real	confue payments dae at PA11 and to be paid the PA11 The water mixing incentive confue payments called in Describer 2018.							
NY Real Real Real Real Real Real Real Real	confue payments dae at PA11 and to be paid the PA11 The water mixing incentive confue payments called in Describer 2018.							
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/WS13 - PR14 wholesale revenue forecast incentive mechanism for the waste	water service						Northun	nbrian Wate	Data validation	
lescription	Item reference Units DPs	Price base	2014-15 20:	015-16 201	016-17 20	17-18 20:	18-19 2019	-20 2015-20	Calculation, copy or download rule Valid	ation description
Company details for WRFIM model		-								
Company name	SYS01 text 0	_						NE		
Company type	BF200 Nr 0 WWS13003 Boolean 0	-						TRUE	Prepopulated cell. Key: 1=WoC, 2=WaSC	
Company has accepted WRFIM licence modification	WWS13003 Boolean 0	4						TRUE	True/False	
WRFIM model parameters										
Penalty rate scaling minimum threshold (+/-)	WWS13004 % 2							2.00		
5 Penalty rate scaling maximum threshold (+/-)	WWS13005 % 2							3.00		
6 Penalty rate (+/-)	WWS13006 % 2							3.00	PR14 reconciliation rulebook specifies value. Generic	
Specified discount rate Threshold for additional variance analyses (+/-)	WWS13007 % 2 WWS13008 % 2		-					0.00		
Theshold for additional variance analyses (+/-)	WW313006 % 2		_					6.00	PR14 reconciliation rulebook specifies value. Generic	
Allowed revenue										
9 Allowed revenue - wastewater	WWS13009 £m 3	Outturn (nominal)	289.036						FD14 data pre-populated cells.	
0 Actual RPI: November index year on year change	APP23001_CPY % 2				1.05%	2.19%		3.01%	Copied from table App23 line 30.	
1 K ~ wastewater	WWS13011 nr 2 WWS13012 £m 3	- Outturn (nominal)		0.00	0.89	0.40	0.11	0.11	Extracted from FD14 and calculated to convert from % to nr format	
2 Total revenue forecast ~ wastewater	WWS13012 £m 3	Outturn (nominal)	289.036	294.769 3	300.488	308.282	320.581 33	0.581	Calculated	
AMP5 RCM blind year adjustment										
RCM blind year 14/15 adjustment for implementing via WRFIM ~ wastewater	C00053_L021 £m 3	2012-13 prices	-2.198						Final 2010-15 reconciliation data pre-populated cell	
4 Percentage of RCM adjustment by year ~ wastewater	WWS13014 % 2					0.00%	0.00%	0.00%	Final 2010-15 reconciliation implemented in 2017-18 charges pre-populated cell All values must be >=0;	sum of values must
Revenue recovered										
Wastewater: Unmeasured ~ household	CR881 £m 3	Outturn (nominal)	7 📼	152.714 1	152.601	155.817	159.437 15	9.648	APR (table 2I) reported actual data pre-populated cells	
Wastewater: Unmeasured - non-household	CR883 £m 3		1	4.120	3.494	4.238		4.154	APR (table 2I) reported actual data pre-populated cells	
7 Wastewater: Measured ~ household	CR882 £m 3	Outturn (nominal)		58.401	62.992	70.889	77.269 8	1.905	APR (table 2I) reported actual data pre-populated cells	
8 Wastewater: Measured ~ non-household	CR884 £m 3				74.591			9.888	APR (table 2I) reported actual data pre-populated cells	
9 Wastewater: Third party revenue ~ household	S9008HH £m 3	Outturn (nominal)		0.000	0.000	0.000		0.000	APR (table 2I) reported actual data pre-populated cells	
Wastewater: Third party revenue ~ non-household	S9008NHH £m 3 BR689 £m 3		_		0.000	0.000		0.000	APR (table 2I) reported actual data pre-populated cells	
Wastewater: Revenue collected from household and non-household Wastewater: Grants and contributions								5.595	Sum lines 15 to 20 APR (table 2I) reported actual data pre-populated cells	
Wastewater: Grants and contributions Wastewater: Revenue recovered	BC11374IN £m 3 S9014 £m 3				5.659 299.337	5.770		2.878 8.473	Sum lines 21 and 22	
Wastewater. Neveride recovered	39014 Elli 3	Odturn (nominal)		284.320 2	288.331	310.302	321.052 32	0.475	Sum mes 21 and 22	
Variance analysis of grants and contributions			_							
Wastewater: Capital contributions from connection charges and revenue from infrastructure charges (PR14 FI	D) C_ES_000830_A001 £m 3	2012-13 prices Outturn (nominal)	_		2.878	2.878		2.878	FD14 data pre-populated cells	
25 Wastewater: Grants and contributions 26 Wastewater: Grants and contributions variance 27 Wastewater: Grants and contributions variance 28 Wastewater: Grants and contributions variance 29 Wastewater: Grants and contributions 20 Wastewater: Grants 20 Wastewater:	BC11374_CPY £m 3 WWS13028 £m 3			4.771	2.543	5.770 2.537		2.878	Copy line 22 Difference line 25 - line 24. Line 24 adjusted to outturn prices using data in App23	
Wastewater. Grants and contributions variance	WW313020 EIII 3	Outurn (norminal)		1.720	2.040	2.53/	0.096	0.555	Difference line 23 - line 24. Line 24 adjusted to duttain prices using data in App23	
G Penalties										
27 Main revenue adjustment as incurred ~ wastewater	WWS130023 £m 3					0.491		2.078	PR14 reconciliation WRFIM model row 41 on calc sheet.	
28 Penalty adjustment as incurred ~ wastewater	WWS130024 £m 3	Outturn (nominal)				0.000	0.000	0.000	PR14 reconciliation WRFIM model row 51 on calc sheet.	
28 Penalty adjustment as incurred - wastewater 29 WRFIM adjustment as incurred - wastewater	WWS130024         £m         3           WWS13025         £m         3	Outturn (nominal) Outturn (nominal)	_				0.000	0.000 2.078	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet.	
28 Penally adjustment as incurred – wastewater 29 WRFIM trad reward / (penalty) at the end of AMP6 – wastewater 20 WRFIM Total reward / (penalty) at the end of AMP6 – wastewater 21 WRFIM Total reward / (penalty) at the end of AMP6 – wastewater network plus	WWS130024         £m         3           WWS13025         £m         3           WWS13026         £m         3	Outturn (nominal) Outturn (nominal)	5)			0.000	0.000	0.000	PR14 reconciliation WRFIM model row 51 on calc sheet.	
28 Perally adjustment as incurred - wastewater     29 WFRIA dustment as incurred - wastewater     20 WFRIA dustment as incurred - wastewater     30 WFRIM Total reward / (penalty) at the end of AMP6 - wastewater     WFRIM Total reward / (penalty) at the end of AMP6 - wastewater network plus     // Input     Copy     Calculation     Pre populated	WWS130024         £m         3           WWS13025         £m         3           WWS13026         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal)	θ			0.000	0.000	0.000 2.078 0.000	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet PR14 reconciliation WRFIM model output time row 73 on calc sheet	
28 Perally adjustment as incurred - wastewater     29 WFRI Majustment as incurred - wastewater     29 WFRI Majustment as incurred - wastewater     30 WFRIM Total reward / (penalty) at the end of AMP6 - wastewater     31 WFRIM Total reward / (penalty) at the end of AMP6 - wastewater network plus     7 Input     Caculation     Pre populated  VSL3 guidance and line definitions	WW813024         £m         3           WW813025         £m         3           WW813028         £m         3           WW813027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate				0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet PR14 reconciliation WRFIM model output time row 73 on calc sheet	
28 Perally adjustment as incurred - wastewater     29 WFRIM datument as incurred - wastewater     30 WFFIM datument as incurred - wastewater     31 WFFIM Total reward / (penalty) at the end of AMP6 - wastewater     31 WFFIM Total reward / (penalty) at the end of AMP6 - wastewater network plus     1     1     1     1     1     1     1     1     Copy     Cacludion	WW813022         £m         3           WW813025         £m         3           WW813021         £m         3           WW813027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate		converted to 20	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet PR14 reconciliation WRFIM model output time row 73 on calc sheet	
18. Pendly adjustment as incurred - wastewater 19. WRFIM dutament as incurred - wastewater 19. WRFIM dutament as incurred - wastewater 10. WRFIM Total reward / (penalty) at the end of AMP6 - wastewater 10. WRFIM Total reward / (penalty) at the end of AMP6 - wastewater network plus 11. WRFIM Total reward / (penalty) at the end of AMP6 - wastewater network plus 12. Copy 14. Copy	WW813022         £m         3           WW813025         £m         3           WW813021         £m         3           WW813027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate		converted to 24	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW813022         £m         3           WW813025         £m         3           WW813021         £m         3           WW813027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate		converted to 21	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW813022         £m         3           WW813025         £m         3           WW813021         £m         3           WW813027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate		converted to 2i	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW813022         £m         3           WW813025         £m         3           WW813021         £m         3           WW813027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate		converted to 24	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW813022         £m         3           WW813025         £m         3           WW813021         £m         3           WW813027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate		converted to 24	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW913024         £m         3           WW913025         £m         3           WW913020         £m         3           WW913027         £m         3           WW913027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate		converted to 2k	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW913024         £m         3           WW913025         £m         3           WW913020         £m         3           WW913027         £m         3           WW913027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate		converted to 24	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW913024         £m         3           WW913025         £m         3           WW913020         £m         3           WW913027         £m         3           WW913027         £m         3	Outturn (nominal) Outturn (nominal) Outturn (nominal) 2017-18 FVA (CPHH deflate		converted to 2/	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
a Penalty adjustment as incurred - wastewater VMRFIM dutument as incurred - wastewater VMRFIM dutument as incurred - wastewater VMRFIM Total reward / (penalty) at the end of AMP6 - wastewater VMRFIM Total reward / (penalty) at the end of AMP6 - wastewater VMRFIM Total reward / (penalty) at the end of AMP6 - wastewater network plus  VMRFIM Total reward / (penalty) at the end of AMP6 - wastewater network plus  VMRFIM Total reward / (penalty) at the end of AMP6 - wastewater network plus  VMRFIM Total reward / penalty) at the end of AMP6 - wastewater network plus  VMRFIM Total reward / penalty at the end of AMP6 - wastewater network plus  VMRFIM Total reward / penalty at the end of AMP6 - wastewater network plus  VCopy Cacludation Pre populated  Statistic contains the wastewater service inputs used for populating the WRFIM model and the penalties arising as c expect companies to publish their populated WRFIM models with associated explanation with the regulatory accou  At A Company details for WRFIM model CA A Company details for WRFIM model VMRFIM model parameters  VMRFIM model parameters  VMRFIM model parameters  VMRFIM model parameters  VMRFIM model reware for company final determination fetter, as adjusted for PoDIs or IDOK in accordance VMAR on year increase in November RPI for the November prior to the start of the financial year  VAnual K factor from the PRH 4 final determination effettr, as adjusted for YDRFIM CODIs or IDOK in accordance VMRFIM code revenue	WW913024         £m         3           WW913025         £m         3           WW913028         £m         3           WW913027         £m         3           WW913027         £m         3	Outurn (romai) Outurn (romai) Outurn (romai) 2017-18 FYA (CPH adlate 2017-18 FYA (CPH adlate SFIM model calculates in		converted to 20	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
a) Perially adjustment as incurred - wastewater b) WRFIM adjustment as incurred - wastewater b) WRFIM adjustment as incurred - wastewater b) WRFIM Total reward / (penalty) at the end of AMP6 - wastewater b) WRFIM Total reward / (penalty) at the end of AMP6 - wastewater b) WRFIM Total reward / (penalty) at the end of AMP6 - wastewater b) WRFIM Total reward / (penalty) at the end of AMP6 - wastewater network plus b) WRFIM adjustment as incurred - wastewater b) WRFIM Total reward / (penalty) at the end of AMP6 - wastewater network plus b) WRFIM Total reward / (penalty) at the end of AMP6 - wastewater network plus b) Poult b) Poult b) Poult b) Poult copy calculation b) Pre populated b) Pre populat	WW913024         £m         3           WW913025         £m         3           WW913028         £m         3           WW913027         £m         3           WW913027         £m         3	Outurn (romai) Outurn (romai) Outurn (romai) 2017-18 FYA (CPH adlate 2017-18 FYA (CPH adlate SFIM model calculates in		converted to 24	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW913024         £m         3           WW913025         £m         3           WW913027         £m         3           WW913027         £m         3           ww913027         £m         3	Outurn (romai) Outurn (romai) Outurn (romai) 2017-18 FYA (CPH adlate 2017-18 FYA (CPH adlate RFIM model calculates in		converted to 24	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW913024         £m         3           WW913025         £m         3           WW913020         £m         3           WW913027         £m         3           with the location         5           with the location         5           vith the location         5           VW91302         £m           vith the location         5           vith the location         6           VW91302         1           vith the location         5           vith the location         4           VW91302         4	Outurn (romai) Outurn (romai) Outurn (romai) 2017-18 FYA (CPH adlate 2017-18 FYA (CPH adlate RFIM model calculates in		converted to 21	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
	WW913024         £m         3           WW913025         £m         3           WW913020         £m         3           WW913027         £m         3           with the location         5           with the location         5           vith the location         5           VW91302         £m           vith the location         5           vith the location         6           VW91302         1           vith the location         5           vith the location         4           VW91302         4	Outurn (romai) Outurn (romai) Outurn (romai) 2017-18 FYA (CPH adlate 2017-18 FYA (CPH adlate RFIM model calculates in		converted to 2/	2017-18 price	0.000 0.491	0.000	0.000 2.078 0.000 0	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
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	WW913024         £m         3           WW913025         £m         3           WW913020         £m         3           WW913027         £m         3           WW913027         £m         3           WW913027         £m         3           WW913027         £m         3           deulated by the WFRIM model. The W rst reporting in July 2018.         5           with the licence.         K           K in accordance with the licence.         EN           W (WW91300 on M K (WW9130 of the December 2016.         5           December 2016.         5           Dousehold over the 2015-2520 price re         5	Outure (rominal) Outure (rominal) Outure (rominal) 2017-18 FYA (CPH deflate 2017-18 FYA (CPH deflate RFIM model calculates in SFIM model calculates in ine 11).	Duttum prices and is o	ge revenue as r	reported in ca	0.000 0.491	Je adjustments	221.	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
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28 Perform distingtion and income waterwater     29 WRFIM distingtion are income waterwater     20 WRFIM distingtion     20 WRFIM	www313024         £m         3           www313025         £m         3           www313027         £m         3           acudated by the WFRIII model. The W rds reporting in July 2018.         1           with the licence.         1         1           ci in accordance with the licence.         1         1	Outum (romal)           Outum (romal)           Outum (romal)           Outum (romal)           2017-18 FVA (CPH defate           2017-18 FVA (CPH defate           RFIM model calculates in           Inine 11).           ever period. Annual whole           eine 11).           ever period. Annual whole           ever period. Annual whole <td< td=""><td>ale wastewater charg treatment. We raised susing the definition i</td><td>ge revenue as r 3 several querier in the RAGs fc</td><td>reported in co</td><td>0.000 0.491</td><td>Je adjustments</td><td>221.</td><td>PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet</td><td></td></td<>	ale wastewater charg treatment. We raised susing the definition i	ge revenue as r 3 several querier in the RAGs fc	reported in co	0.000 0.491	Je adjustments	221.	PR14 reconciliation WRFIM model row 51 on calc sheet. PR14 reconciliation WRFIM model row 56 on calc sheet. PR14 reconciliation WRFIM model output time row 73 on calc sheet	
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		r service				Northumbr			
ne description	Item reference Unit	s DPs Price base	2014-15	2015-16 2016-17	2017-18	2018-19 2019-20	2015-20	Calculation, copy or download rule	Validation description
A Company details									
1 Company type	BF200 Nr	0 -	-				2	Pre-populate cell. Key: 1=WoC, 2=WaSC	
2 Is company enhanced?	WWS15001 text		-				No	FD14 data pre-populated cell	Yes or No
3 Financing rate	WWS15003 %	2 -					3.60%	FD14 data pre-populated cell	
			_						
B Menu choices			_						
4 Sewerage: Implied menu choice	C00728_S004 Nr						98.4	FD14 data pre-populated cell	
5 Sewerage: FD pension deficit recovery costs allowance	C00559 £m			2.273 2.273	2.273	2.273 2.27		FD14 data pre-populated cells	
6 Sewerage: Final menu choice	WWS15006 nr	1 -					94.0	FD14 data pre-populated cell	
C TOTEX 7 Sewerage: Baseline Totex	C00008_S011 £m	3 2012-13 FYA (RPI)		205.324 207.279	213.115	201.762 172.40	3	FD44 data are availabled and	
8 Sewerage: FD allowed totex inclusive of menu cost exclusions, less PDRC allowance	C00768_A001 £m			207.668 209.467		203.913 174.64		FD14 data pre-populated cells FD14 data pre-populated cells	
9 Severage: Actual Totex	S3040MTIN £m			174.756 168.742		182.794 183.64		APR data pre-populated	
D ADJUSTMENTS TO TOTEX									
10 Sewerage: Third party services (opex)	BM823TASIN £m	3 Outturn (nominal)		3.707 0.699	0.302	0.311 0.32	D	APR data pre-populated	
11 Sewerage: Third party services (capex)	BM833TASIN £m			0.000 0.000		0.00 0.00		APR data pre-populated	
12 Sewerage: Pension deficit recovery costs	CRS003 £m		_	2.815 2.809		2.793 2.87		APR data pre-populated	
13 Sewerage: Other cash items	CR00562TOT £m		_	0.000 0.000	0.000	0.000 0.00			
14 Sewerage: Disallowables	WWS15014 £m		-1  -	0.000 0.298		0.020 0.02			
15 TTT control: logging up / (down) of scope swaps		3 Outturn (nominal) 3 Outturn (nominal)	-1	0.000 0.000		0.000 0.00			
TTT control: Land - 100:0 (customer: company) cost sharing factor     Sewerage: Transition expenditure	WWS15016 £m BP867NTIN £m		0.000	0.000 0.000	0.000	0.00 0.00	2		
17 Sewerage: Transition expenditure	DP00/INTIN 2/II	3 2012-13 FTA (RPI)	0.000					L	
E PAYG									
18 Sewerage: PAYG ratio	C00770_A001 %	2 -		48.62% 52.25%	50.52%	52.47% 60.93	a	FD14 PAYG ratio. Pre-populate cells	
lo obwołago. I A to tako	000110_1001			40.0270 02.2070	00.0270	02.4770 00.00	-		
F Business rates IDoK - Not applicable to wastewater service									
G Totex menu adjustments									
19 Wastewater: revenue adjustment from totex menu model	WWS15019 £m	3 2012-13 FYA (RPI)				-4.58	3	Output item from totex menu model	
20 Wastewater: RCV adjustment from totex menu model	WWS15020 £m					-115.06		Output item from totex menu model	
21 Wastewater: Totex menu revenue adjustment at 2017-18 FYA CPIH deflated price base	WWS15021 £m					-5.27		Output item from revenue adjustments model.	
22 Wastewater: Totex menu RCV adjustment at 2017-18 FYA CPIH deflated price base	WWS15022 £m	3 2017-18 FYA (CPIH deflate	d)			-132.36	9	Output item from RCV adjustments model.	
Copy Calculation Pre populated									
VWS15 guidance and line definitions									
his table contains the wastewater service inputs used for populating the totex menu model and the total	reward / (penalty) arising a	s calculated by the totex menu more	el. The totex men		0.40	4h = = = 1;	powerted to		
017-18 prices in the revenue adjustments model and the RCV adjustments model.	· · · · · · · · · · · · · · · · · · ·			u model calculates in 201					
				u model calculates in 20	2-13 prices and	the adjustments are c			
	regulatory accounts reporti	ng in July 2018.		u model calculates in 20	2-13 prices and	the adjustments are c			
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WWS15

- PR14 reconciliation of household retail revenue							No	rthumbria	n Water	Data validation	
description	Item reference	Units DP	Price base	2015-16	2016-17	2017-18	2018-19	2019-20	2015-20	Calculation, copy or download rule	Validation desc
	_					I					
Forecast customer numbers			_								
Unmetered water-only customer	R9001	nr 0		304,312	291,659	278,531	265,410	252,823		FD14 data pre-populated cell. NB units coverted from 000's to nr.	R9001 = R3017 *
2 Unmetered wastewater-only customer	R9002	nr 0		33,731	33,009	32,287	31,565	30,843		FD14 data pre-populated cell. NB units coverted from 000's to nr.	R9002 = R3019 *
3 Unmetered water and wastewater customer	R9003	nr 0		721,729	706,494	691,259	676,024	660,788		FD14 data pre-populated cell. NB units coverted from 000's to nr.	R9003 = R3021 *
4 Metered water-only customer	R9004	nr 0		427,694	444,283	461,401	478,727	495,712		FD14 data pre-populated cell. NB units coverted from 000's to nr.	R9004 = R3018*
5 Metered wastewater-only customer	R9005	nr 0		35,267	37,325	39,396	41,471	43,557		FD14 data pre-populated cell. NB units coverted from 000's to nr.	R9005 = R3020 *
6 Metered water and wastewater customer	R9006	nr 0	_	340,822	361,305	381,925	402,580	423,358		FD14 data pre-populated cell. NB units coverted from 000's to nr.	R9006 = R3022 *
Reforecast customer numbers	1										
7 Unmetered water-only customer	R9007	nr 0		306,913	299,927	289,668	279,860	273,187			
Unmetered wastewater-only customer	R9008	nr 0		34,683	33,391	32.775	31.681	31,274			
Unmetered water and wastewater customer	R9009	nr 0		720,347	709,864	692,246	669,910	661,303			
Metered water-only customer	R9010	nr 0		426,488	439,887	453,445	467,873	504,039			
Metered wastewater-only customer	R9011	nr 0		30,923	32,700	33,097	34,663	36,733			
2 Metered water and wastewater customer	R9012	nr 0		343,438	362,757	382,262	406,809	431,099			
Actual customer numbers	1										
Actual customer numbers Unmetered water-only customer	R9013	nr 0	7	309.704	300.566	291,119	282.757	273.187		APR data pre-populated. NB units coverted from 000's to nr.	R9013 = R3017
Unmetered watewater-only customer	R9014	nr 0		33,780	33,590	32,777	31.681	31,274		APR data pre-populated. NB units coverted from 000's to nr.	R9014 = R3019
Unmetered water and wastewater customer	R9015	nr 0		720,499	703,913	686.371	676.358	661,303		APR data pre-populated. NB units coverted from 000's to nr.	R9015 = R3021
Metered water-only customer	R9016	nr 0		424.067	436,901	450,182	487.242	504,039		APR data pre-populated. NB units coverted from 000's to nr.	R9016 = R3018
7 Metered wastewater-only customer	R9017	nr 0		31,498	32,275	33.038	37.588	36,733		APR data pre-populated. NB units coverted from 000's to nr.	R9017 = R3020
Metered water and wastewater customer	R9018	nr 0		341,115	361,835	385,005	406,809	431,099		APR data pre-populated. NB units coverted from 000's to nr.	R9018 = R3022
	_										
Actual revenue collected											
Unmetered water-only customer	R3017RR	£m 3		7.614	7.458	7.390	7.114	6.906		APR data pre-populated	
Unmetered wastewater-only customer	R3019RR	£m 3		0.351	0.406	0.417	0.797	0.791		APR data pre-populated	
Unmetered water and wastewater customer	R3021RR	£m 3		23.296	23.259	22.802	22.117	21.730		APR data pre-populated	
2 Metered water-only customer	R3018RR	£m 3		11.973	12.130	12.264	13.706	14.244		APR data pre-populated	
3 Metered wastewater-only customer	R3020RR	£m 3		0.422	0.489	0.445	1.057	1.038		APR data pre-populated	
4 Metered water and wastewater customer	R3022RR	£m 3	Outturn (nominal)	13.485	14.209	15.458	15.723	16.735		APR data pre-populated	
Revenue sacrifice	1										
5 Unmetered water-only customer	R9025	£m 3	Outturn (nominal)	0.000	0.000	0.000	0.000	0.000			
6 Unmetered wastewater-only customer	R9026	£m 3	Outturn (nominal)	0.000	0.000	0.000	0.000	0.000			
7 Unmetered water and wastewater customer	R9027	£m 3	Outturn (nominal)	0.000	0.000	0.000	0.000	0.000			
8 Metered water-only customer	R9028	£m 3	Outturn (nominal)	0.000	0.000	0.000	0.000	0.000			
9 Metered wastewater-only customer	R9029	£m 3	Outturn (nominal)	0.000	0.000	0.000	0.000	0.000			
Metered water and wastewater customer	R9030	£m 3	Outturn (nominal)	0.000	0.000	0.000	0.000	0.000			
Actual revenue collected (net)											
Actual revenue collected (net) Unmetered water-only customer	R9031	£m 3	Outturn (nominal)	7.614	7,458	7.390	7,114	6.906			
2 Unmetered water-only customer	R9031 R9032	£m 3 £m 3		0.351	7.458	7.390	7.114	6.906			
	R9032	£m 3									
Unmetered water and wastewater customer Metered water-only customer	R9033	£m 3 £m 3		23.296	23.259	22.802	22.117	21.730			
5 Metered water-only customer	R9035	£m 3		0.422	0.489	0.445	13.706	14.244			-
Metered water and wastewater customer	R9036	£m 3		13.485	14.209	15.458	15.723	16.735			
Modification factor			-								
7 Unmetered water-only customer	C00739_A001	£ 2		24.60	24.87	25.03	25.16	25.28		FD 14 data pre-populated cell	
8 Unmetered wastewater-only customer	C00740_A001	£ 2		24.60	24.87	25.03	25.16	25.28		FD 14 data pre-populated cell	
9 Unmetered water and wastewater customer	C00741_A001	£ 2		31.97	32.33	32.53	32.70	32.86		FD 14 data pre-populated cell	-
0 Metered water-only customer 1 Metered wastewater-only customer	C00736_A001	£ 2		27.55	27.82	27.99	28.13	28.26		FD 14 data pre-populated cell	_
	C00737_A001	£ 2		27.56	27.82	27.98	28.13	28.27		FD 14 data pre-populated cell	
2 Metered water and wastewater customer	C00738_A001	£ 2		37.88	38.24	38.46	38.65	38.82		FD 14 data pre-populated cell	
Materiality threshold for financing adjustment	1										
3 Materiality threshold	R9043	% 2	7						2.00%	PR14 reconciliation rulebook specifies value. Generic	
4 Discount Rate	R9044	% 2	1						3.60%		
	1		_					-			
Total reward / (penalty) at the end of AMP6 Residential revenue adjustment at the end of AMP6	89045		Outturn (nominal)	-				0.000			
5 Residential retail revenue adjustment at the end of AMP6 8 Residential retail revenue adjustment at 2017-18 FYA CPIH deflated price bas		£m 3 £m 3		-				0.000		Output item from household retail revenue reconciliation model Calc sheet row Output item from revenue adjustments model.	w 94

KEY Input Copy Calculation

Pre populated
R9 guidance and line definitions

This table contains the inputs used for populating the household retail revenue reconciliation model and the penalties arising as calculated by the household retail revenue reconciliation model. The household retail revenue reconciliation model and the penalties in software the provide household retail revenue reconciliation model with associated explanation with the regulatory accounts reporting in July 2018.

	Definition
Block A	Forecast customer numbers
1-6	Forecast customer numbers as set out in the PR14 final determination company specific appendix.
	I Reforecast customer numbers
7-12	Reforecast customer numbers for each customer type at the beginning of each year from company regulatory reporting.
Block C	Actual customer numbers
13-18	Actual customer numbers for each customer type each year from company regulatory reporting. Number of customers – RAG Proforma 2F.
Block D	Actual revenue collected
19-24	The revenue that each company actually collected per customer type from company regulatory reporting. Retail revenue per customer type – RAG Proforma 2F.
	Revenue sacrifice
25-30	Revenue sacrifice. Revenue voluntarily foregone by companies, for example through customer discounts from company regulatory reporting.
Block F	Actual revenue collected (net)
31-36	Actual revenue collected (Net). The revenue that each company actually collected per customer type less any forgone revenue. Calculated.
	Modification factor
37-42	Modification Factors. Each company has a specific modification factor for each customer type each year from PR14 final determination company specific appendix.
Block H	Materiality threshold for financing adjustment
43	Materiality threshold is specified at 2% of revenue expected from actual customers from AMP6.
44	The discount rate used to provide a financing adjustment for the time value of money of the incentive reward / penalty. Input to be defined at PR19, if required. This may be required if the materiality threshold is
Block I	Total reward / (penalty) at the end of AMP6
45	The total revenue adjustment for household retail due to differences in actual and forecast customer numbers and differences in revenue per customer type. Output item from household retail revenue reconciliation
	model as appears on the Calc sheet.
46	Output item from revenue adjustments model. The value entered is prior to profiling.

R10 - PR14 Service incentive mechanism						No	rthumbria	an Water	Data validation		
ine description	Item reference	Jnits DPs	2015-16	2016-17	2017-18	2018-19	2019-20	2015-20	Calculation, copy or download rule	Validation description	Completion
Price base			]				[	2017-18 FYA (CPIH deflated)			
A Qualitative performance	1										
1 1st survey score	SIMAMP6_QL1	nr 2	4.39	4.50	4.33	4.65	4.70		APR (table 3D) reported actual data pre-populated cells		
2 2nd survey score	SIMAMP6_QL2	nr 2	4.42	4.53	4.53	4.65	4.70		APR (table 3D) reported actual data pre-populated cells		
3 3rd survey score	SIMAMP6_QL3	nr 2	4.41	4.62	4.51	4.65	4.70		APR (table 3D) reported actual data pre-populated cells		
4 4th survey score	SIMAMP6_QL4	nr 2	4.27	4.54	4.53	4.65	4.70		APR (table 3D) reported actual data pre-populated cells		
5 Qualitative SIM score (out of 75)	SIMAMP6_QLS	nr 2	63.23	66.52	65.16	68.44	69.38		APR (table 3D) reported actual data pre-populated cells		
B Quantitative performance	1										
6 Quantitative composite score	SIMAMP6 CS	nr 2	91.89	79.79	75.25	70.00	65.00		APR (table 3D) reported actual data pre-populated cells		
7 Quantitative SIM score (out of 25)		nr 2	20.41				21.75				
C SIM score											
8 Total annual SIM score (out of 100)	KI001U	nr 0	84	88	86	90	91				
	-										
D Revenue adjustment for SIM performance     SIM forecast revenue adjustment at 2017-18 FYA CPIH deflated price base	R10009	£m 3	1					11.672	Output item from revenue adjustments model.		
KEY											
Input											
Copy											
Calculation											
Pre populated											
R10 guidance and line definitions											
This table asks companies to include their actual and forecast SIM scores and rankin											
This table asks companies to include their actual and forecast SIM scores and rankin inform the application of rewards and penalties. The table also asks companies to for	ecast their SIM scor										
This table asks companies to include their actual and forecast SIM scores and rankin inform the application of rewards and penalties. The table also asks companies to for	ecast their SIM scor										
This table asks companies to include their actual and forecast SIM scores and rankin inform the application of rewards and penalties. The table also asks companies to for committments and reputational ODIs. This information will not be used to inform any Line Definition Block A Qualitative performance	ecast their SIM scor										
Block A Qualitative performance           1         Score of the first qualitative survey for the current reporting year.	ecast their SIM scor										
This table asks companies to include their actual and forecast SIM scores and rankin inform the application of rewards and penalties. The table also asks companies to for committments and reputational ODIs. This information will not be used to inform any Line Definition Block A Qualitative performance	ecast their SIM scor										
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