Cover sheet

Introduction

These guidance tables support companies in completing the pro-forma for their Business plan pro-September-October 2018.

The tables include references to the relevant PR19 business plan tables from which to draw infor tables, we have indicated the alternative source of the information e.g. the PR14 final determinati

Instructions

Please select your company from this drop down list: South West Water

Please complete all cells for each table. For the purposes of this pro-forma only (which does not oblank or NA entered.

Submission

We expect companies to submit these guidance tables alongside their completed pro-forma and Monday 3 September 2018.

esentations to Ofwat Board members and senior leadership that will take place during

mation. Where the information requested is not contained in the PR19 business plan on, Annual Performance Report (APR).

The company name will be automatically copied across to each table.

contain validation checks), if particular cells are not applicable, these can either be left

PR19 bill movement model to Ofwat along with their PR19 Business Plans by 5pm on

Table 2.2 Key business plan metrics

	Line description	Item references	Units	DPs	PR14 (2019-20) 31 March 2020 estimate	PR19 (2024-25) 31 March 2025 estimate	2019-20 to 2024- 25 % change	PR14 (2015-20 average)	2017-18 actual	2020-21	2021-22	2022-23	2023-24	2024-25	PR19 (2020-25 Average)
i	A Explanatory variables	1													

Α	Explanatory variables						
1	Number of residential water customers (000s)	R3017 + R3018	000s	3	261.861	272.916	
2	Number of residential wastewater customers (000s)	R3019 + R3020	000s	3	4.891	5.035	
3	Number of residential water and wastewater customers (000s)	R3021 + R3022	000s	3	693.761	731.813	
4	Total leakage	BN2345	MI/d	2	117.84	100.16	-15.00%
5	Leakage/km/main/day	APP2007	cm/km/day	1	6.3	5.4	-14.3%
6	Leakage/property/day	APP2006	l/p/d	1	109.2	90.3	-17.3%
7	Per Capita Consumption (PCC)		l/p/d	2	137.20	128.70	-6.20%
- 8	ODI RoRE range		%	2	-1.8% to +1.5%	-1.6% to +1.6%	
9	Appointee WACC (real RPI)		%	2	3.84%	2.40%	
10	Appointee WACC (real CPIH)		%	2	4.65%	3.40%	
11	Credit rating – actual financial structure	A8A01D01	Text	0	N/A	N/A	

В	Financial metrics			
12	Actual gearing	A8A007	%	2
13	Adjusted interest cover actual	A8A003	ratio	2
14	Adjusted interest cover notional	A8003	ratio	2
15	FFO net debt actual	A8A005	ratio	2
16	FFO net debt notional	A8005	ratio	2

	60.36%	63.74%	63.47%	63.10%	62.66%	62.06%	63.01%
	3.11	1.49	1.52	1.51	1.54	1.58	1.53
1.47		1.33	1.34	1.49	1.52	1.56	1.45
	0.12	0.10	0.10	0.11	0.11	0.11	0.11
0.10		0.11	0.11	0.11	0.11	0.11	0.11

South West Water

Key

Input from PR19 Business plan tables
Input from alternative source

Calculation

Table 2.2 Guidance

Information in this table is mainly drawn from the PR19 Business plan data tables issued in June 2018 or requires manual input.

Line	Further information
Block A	Eynlanatory variables

1 Water only columns in PR19 Business plan table R1 line 16.

- Wastewater only columns in PR19 Business plan table R1 line 16.

 Wastewater only columns in PR19 Business plan table R1 line 16.
- 3 Water and wastewater columns in PR19 Business plan table R1 line 16.
- 4 PR19 Business plan table Wn2 line 25.
- 5 PR19 Business plan table App7 line 7.
- 6 PR19 Business plan table App7 line 6.
- 7 Per Capita Consumption (litres/person/day) should be drawn from App1.
- 8 PR14 ODI RoRE range to be drawn from the RoRE range table in the PR14 Company specific appendices. The PR19 ODI RoRE range is to be calculated by companies from their financial model.

Appointee WACC (real RPI) requires manual input. For PR14, this is the 'allowed wholesale return' from the company specific appendix plus the retail margin adjustment of 0.14% as stated in Final price control determination notice: policy chapter A7 – risk and reward. As the PR14 WACC components were all deflated using a long-term RPI assumption of 2.8% and 3.0% is being assumed for PR19, for comparability in this table, the difference of 0.2% must be deducted from the allowed wholesale return before adding the retail margin adjustment.

For PR19, this will either be line 16 of App32 (sector notional WACC) or line 36 of App32 if the company is using block B to set out a claim for a different WACC. In PR19 Business plan table App32 we ask for these figures in nominal terms, so companies will need to transform these with an assumption of RPI of 3% using the Fisher equation: Nominal to RPI: ((1+<nominal wacc>)/(1+3%)) - 1.

Appointee WACC (real CPIH) requires manual input. For PR14, this is the 'allowed wholesale return' from the company specific appendix plus the retail margin adjustment of 0.14% as stated in Final price control determination notice: policy chapter A7 – risk and reward. As the PR14 WACC components were all deflated using a long-term RPI assumption of 2.8% and 3.0% is being assumed for PR19, for comparability in this table, the difference of 0.2% must be deducted from the allowed wholesale return before adding the retail margin adjustment and adjusting by CPIH. The CPIH adjustment should use the Fisher equation: RPI to CPIH = ((1+<RPI wacc>)*(1+3%)/(1+2%)) - 1.

For PR19, this will either be line 16 of App32 (sector notional WACC) or line 36 of App32 if the company is using block B to claim for a different WACC. In PR19 Business plan table App32 we ask for these figures in nominal terms, so companies will need to transform these with an assumption of CPIH of 2% using the Fisher equation: Nominal to CPIH: ((1+<nominal wacc>)/(1+2%)) - 1.

11 For 2019-20, PR14 credit rating requires manual input from PR14 Business plan table A8 line 33. For 2024-25, PR19 Business plan table App10 line 34.

Block B Financial metrics

- 12 2017-18 is the actual gearing for 2017-18 from APR table 4H line 3. For 2020-25, actual gearing is to be taken from PR19 Business plan table App10 line 23.
- 13 2017-18 is the actual adjusted interest cover for 2017-18 from APR table 4H line 14. For 2020-25, actual adjusted interest cover is to be taken from PR19 Business plan table App10 line 25.
- 14 PR14 (2015-20) is the average notional adjusted interest cover as reported in PR14 Business plan table A8 line 25. For 2020-25, notional adjusted interest cover is to be taken from PR19 Business plan table App10 line 3.
- 15 2017-18 is the actual FFO net debt for 2017-18 from APR table 4H line 15. For 2020-25, actual FFO net debt is to be taken from PR19 Business plan table App10 line 27.
- 16 PR14 (2015-20) is the average notional FFO net debt as reported in PR14 Business plan table A8 line 26. For 2020-25, notional FFO net debt should be taken from PR19 Business plan table App10 line 5.

Table 2.3 RCV year balances

South West Water

Line description	Item references	Units	DPs	1 April 2020 Opening RCV	30 March 2025 Closing RCV	% Growth
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Price base 2017-18 FYA (CPIH deflated)

Α	RCV year balances						
1	Water resources RCV	APP8012WR and APP8021WR	£m	3	134.437	135.904	1%
2	Water network plus RCV	APP8012WN and APP8021WN	£m	3	1,383.280	1,391.688	1%
3	Wastewater network plus RCV	APP8012WWN and APP8021WWN	£m	3	1,659.444	1,605.002	-3%
4	Bioresources RCV	RCV1011BIO_FYA_CPY and APP8021BIO	£m	3	81.268	75.229	-7%

Key

Input from PR19 Business plan tables Input from alternative source

Calculation

Table 2.3 Guidance

Information in this table is drawn from PR19 Business plan table App8.

Line	Further information
Block A	RCV year balances
1	PR19 Business plan table App8 lines 16 and 108.
2	PR19 Business plan table App8 lines 30 and 109.
3	PR19 Business plan table App8 lines 69 and 110.
4	PR19 Business plan table App8 lines 55 and 111.

Table 2.4 Dividends South West Water

Line description re	Item references	Units	DPs	2015-16	2016-17	2017-18	2020-21	2021-22	2022-23	2023-24	2024-25
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Price base Outturn (nominal)

Α	Dividends - nominal prices											
1	Dividends based on PR14 actual company structure	BO3402	£m	3	74.900	213.100	120.300					
2	Dividends based on PR19 actual company structure	A10017A	£m	3				97.636	56.706	58.437	60.216	62.059

Key

Input from PR19 Business plan tables
Input from alternative source
Calculation

Table 2.4 Guidance

Information in this table is drawn from APR table 1a and PR19 Business plan table App11 in nominal prices.

Line	Further information
Block A	Dividends - nominal prices
1	Dividends based on PR14 actual company structure (nominal prices) to be drawn from APR table 1A line 15
2	PR19 Business plan table App11 line 17.

Α	В	С	D	Е	F	G	Н	I	J	K
Line	ID (eg W-A1)	Performance commitment	2015-16 PCL met?	2016-17 PCL met?	2017-18 - PCL met?	2018-19 PCL met? (forecast)	2019-20 PCL met? (forecast)	Cumulative ODIs (outperformance payments and underperformance penalties) 2015-16 to 2017-18 actual	Cumulative ODIs (outperformance payments and underperformance penalties) 2018-19 and 2019-20 forecast	Total cumulative financial ODI
Λ	DD14 Dorform	and Committee out			ī					
1	W-A1	w-A1: Compliance with water quality standard	No	No	No	No	Yes			0.0000
2	W-A2	W-A2: Taste, smell and colour contacts	Yes	Yes	Yes	Yes	Yes		0.4720	
3	W-A3	W-A3: Asset reliability (pipes)	Yes	Yes	Yes	Yes	Yes			0.0000
4	W-A4	W-A4: Asset reliability (process)	Yes	Yes	Yes	Yes	Yes			0.0000
5 6	W-A5 W-B1	W-A5: Duration of interruptions in supply (hours/property) W-B1: Water restrictions placed on customers (number)	No Yes	Yes Yes	No Yes	Yes Yes	Yes Yes	-1.7016 4.8720	0.4032 3.2480	
7	W-B2	W-B2: Ability to move water around the network	N/A	N/A	N/A	N/A	N/A	4.0720	0.2400	0.0000
8	W-B3	W-B3: Leakage levels (megalitres a day, Ml/d)	Yes	Yes	Yes	Yes	Yes	1.2090		1.2090
9	W-B4	W-B4: Time taken to fix significant leaks (days)	N/A	N/A	N/A	N/A	Yes			0.0000
10	W-B5 W-C1	W-B5: Security of supply index (SoSI) W-C1: Supplies interrupted due to flooded South West Water sites	N/A N/A	N/A N/A	N/A N/A	N/A N/A	Yes Yes			0.0000
12	W-D1	W-D1: Operational customer contacts resolved first time (%)	Yes	Yes	Yes	Yes	Yes	0.4468	0.1806	
13	W-E1	W-E1: Sustainable abstractions (EA/WFD classification)	N/A	N/A	N/A	N/A	Yes			0.0000
14	W-E2	W-E2: Sustainable abstractions (Environment Agency water stress	Yes	Yes	Yes	Yes	Yes			0.0000
15	W-E3a	status) W-E3a: Catchment management (number of acres)	N/A	N/A	N/A	N/A	Yes			0.0000
16	W-E3b	W-E3b: Catchment management (number of farms)	N/A	N/A	N/A	N/A	Yes			0.0000
17	W-E4	W-E4: Pollution incidents (category 1 and 2)	Yes	Yes	Yes	Yes	Yes			0.0000
18	W-E5	W-E5: Pollution incidents (category 3 and 4)	No	No	No	No	Yes	-0.0660	-0.0220	
19 20	W-E6 W-E7	W-E6: Operational carbon emissions (ktCO2e) W-E7: Energy from renewable sources (%)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	Yes Yes			0.0000
21	W-F1	W-F1: Customers paying a metered bill	No	No	No No	No No	Yes	-0.2140		-0.2140
22	S-A1	S-A1: Internal sewer flooding incidents	No	No	Yes	Yes	Yes	0.2040		0.2040
23	S-A2	S-A2: External sewer flooding incidents	No	No	Yes	Yes	Yes	-0.2500	0.1380	-0.1120
24	S-A3	S-A3: Odour contacts (wastewater treatment works)	Yes	Yes	Yes	Yes	Yes	0.7660	0.3168	
25 26	S-A4 S-A5	S-A4: Asset reliability (pipes)	Yes	Yes	Yes Yes	Yes Yes	Yes Yes			0.0000
27	S-A5	S-A5: Asset reliability (process) S-A6: Compliance with sludge standard (%)	Yes No	Yes Yes	Yes	Yes	Yes			0.0000
28	S-B1	S-B1: Operational customer contacts resolved first time (%)	No	No	No	No	Yes	-0.3214	0.0108	
29	S-C1	S-C1: Wastewater treatment numeric compliance (%)	N/A	N/A	N/A	N/A	Yes			0.0000
30	S-C2	S-C2: Wastewater population equivalent sanitary compliance (%)	N/A	N/A	N/A	N/A	Yes			0.0000
31 32	S-C3 S-C4	S-C3: Wastewater descriptive works permit compliance (%) S-C4: Pollution incidents (category 1 and 2)	No No	No	Yes	Yes	Yes Yes	-2.7680		0.0000 -2.7680
33	S-C4	S-C5: Pollution incidents (category 1 and 2)	Yes	No No	No No	Yes Yes	Yes	-0.7939		-0.7939
34	S-C6	S-C6: Operational carbon emissions (ktCO2e)	N/A	N/A	N/A	N/A	Yes			0.0000
35	S-C7	S-C7: Energy from renewable sources (%)	N/A	N/A	N/A	N/A	Yes			0.0000
36	S-D1	S-D1: Bathing water quality	Yes	Yes	Yes	Yes	Yes	6.7230	0.7470	
37 38	S-D2 S-D3	S-D2: Combined sewer overflow spills (number) S-D3: River water quality improved (km)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A Yes			0.0000
39	R-A1	R-A1: Customer overall satisfaction (%)	N/A	N/A	N/A	N/A	Yes			0.0000
40	R-A2	R-A2: Service incentive mechanism (SIM)	N/A	N/A	N/A	N/A	Yes			0.0000
41	R-A3	R-A3: Customer satisfaction with value for money	N/A	N/A	N/A	N/A	No			0.0000
42	R-B1	R-B1: Customers assisted by water poverty initiatives A1: Customer contacts: taste and appearance (water quality	N/A	N/A	N/A	N/A	Yes			0.0000
43	A1	contacts)	Yes	Yes	Yes	Yes	Yes			0.0000
44	A2	A2: WS (WQ) regulation compliance - mean zonal compliance (compliance with DWI regulations)	Yes	Yes	Yes	No	Yes			0.0000
45	B1	B1: Reduce leakage (to less than or equal to 20.00 Ml/d by 2020)	N/A	N/A	N/A	N/A	Yes		0.3492	0.3492
46	B2	B2: Large scale interruptions (minimise risk of large scale	N/A	N/A	N/A	N/A	Yes		0.9265	
	B3	interruption to 12,000 properties) B3: Decreasing average interruptions >3 hours	Yes	Yes	Yes	Yes	Yes		0.0200	0.0000
48	B4	B4: Maintain serviceable assets	Yes	Yes	Yes	Yes	Yes			0.0000
49	B5	B5: Metering - continue current strategy	N/A	N/A	N/A	N/A	Yes			0.0000
50	B6	B6: Reduce per capita consumption (PCC) to 136 litres/head/day by March 2020	N/A	N/A	N/A	N/A	Yes			0.0000
51	C1	C1: Repair visible leaks	N/A	N/A	N/A	N/A	Yes			0.0000
52		D1: Reduce energy used in water delivery	N/A	N/A	N/A	N/A	Yes			0.0000
53	D2	D2: Help support a natural healthy water environment (in addition to	N/A	N/A	N/A	N/A	Yes			0.0000
_		NEP statutory obligation work) E1: Contribute to our community (increase educational visits to				N1/0	NI-			0.0000
54	ET	schools, and working days for volunteer and charity work)	N/A	N/A	N/A	N/A	No			0.0000
55 56	A1 A2	A1: Service incentive mechanism (SIM)	N/A	N/A	N/A	N/A	Yes		0.2300	0.2300
		A2: New customer relationship management (CRM) system B1: Fair customer bills (efficient debt management: % of average	N/A	N/A	N/A	N/A	Yes			
57	B1	pill)	N/A	N/A	N/A	N/A	Yes			0.0000

Kev

Input from PR19 Business plan tables
Input from alternative source
Calculation

Table 4.1 Guidance

This table should include all PR14 performance commitments and be populated manually. The default data source for each column is oulined below. Note: some companies have previously restated PC data for a few performance commitments. In these cases, companies should use the restated data.

Column	Further information
Block A	PR14 Performance Commitments
В	Company PC reference
С	PC name
D	APR table 3A (2016)
Е	APR table 3A (2017)
F	APR table 3A (2018)
G	PR19 Business plan table App5 (column W)
Н	PR19 Business plan App5 (column AC)
- 1	APR table 3A (2016, 2017 and 2018). £m to 4 decimal places 2012-13 prices, net of tax
J	PR19 Business plan App5. £m to 4 decimal places 2012-13 prices, net of tax
K	Total cumulative financial calculated from the sum of columns I and J.



Table 4.2 Service incentive mechanism

South West Water

Line description		Item reference	Units	DPs	2015-16	2016-17	2017-18
Α	SIM score						
1	Total annual SIM score (out of 100) - South West Water	KI001U	nr	0	85	86	87
1	Total annual SIM score (out of 100) - Bournemouth Water	KI001U	nr	0	88	88	89
Kov		·					

Key

Input from PR19 Business plan tables
Input from alternative source
Calculation

Table 4.2 guidance

Information in this table is drawn from PR19 Business plan table R10.

Line	Definition
Block A	SIM score
1	The total annual SIM score is the addition of R10 lines 5 and 7.

Table 4.2 SIM Printed: 06/09/2018 15:26

Table 5.1 Common performance commitments

South West Water

Α	В	С	D	Е	F	G	Н
Line	Description	ID (eg W-A1)	2019-20 forecast performance level (where relevant)		ODI type	In period / end of period ODI	2019-20 to 2024-25 % change

Α	PR19 Common performance commitments summary	1					
1	Water quality compliance – the DWI's Compliance Risk Index (CRI), a score greater than or equal to zero, where zero is least risk	PR19SWB_PC A1	3.21	0.00	Under	In-period	
2	Water supply interruptions – average supply interruption greater than 3 hours (minutes per property)	PR19SWB_PC A2	00:07:43	00:04:41	Out & under	In-period	
3	Mains bursts – number of water mains bursts per 1,000 kilometres of total length of mains	PR19SWB_PC A3	144	129	Out & under	In-period	
4	Unplanned outage – proportion of unplanned outage of the total company production capacity (%)	PR19SWB_PC A4	1.04	1.04	Out & under	In-period	
5	Leakage – megalitres per day (Ml/d), three-year average	PR19SWB_PC C2	117.8	100.2	Out & under	In-period	-0.149405772
6	Per capita consumption – average amount of water used by each person that lives in a household property (litres per person per day), three year average	PR19SWB_PC C3	137.2	128.7	Out & under	In-period	-0.061953353
7	Risk of severe restrictions in a drought – percentage of the population the company serves that would experience severe supply restrictions (e.g. standpipes or rota cuts) in a 1-in-200 year drought	PR19SWB_PC D1	0	0	NFI		
8	Treatment works compliance – % compliance with environmental permits at water and wastewater treatment works (EA's Environmental Performance Assessment definition)	PR19SWB_PC B6	100	100	Under	In-period	
9	Internal sewer flooding – number of incidents per year (sewerage companies only)	PR19SWB_PC B1	135	109	Out & under	In-period	
10	Sewer collapses – number per 1,000 kilometres of sewer (sewerage companies only)	PR19SWB_PC B3	19.42	13.99	Out & under	In-period	
11	Pollution incidents – category 1-3 pollution incidents per 1,000km of sewerage network, as reported to the Environment Agency and Natural Resources Wales (sewerage companies only)	PR19SWB_PC F1	46	19	Under	In-period	
12	Risk of sewer flooding in a storm – percentage of population at risk of sewer flooding in a 1-in-50 year storm (sewerage companies only)	PR19SWB_PC D2	31.7	28.3	NFI		

Kev

Input from PR19 Business plan tables
Input from alternative source

Calculation

Table 5.1 Guidance

This table should be populated manually by the companies. The data in this table should be consistent with the data in PR19 Business plan data table App1 (PCs and ODIs).

Column	Further information
Block A	PR19 Common performance commitments summary
В	Description of the PR19 common performance commitment.
С	Company PC reference
D	PR19 Business plan App1 (column AP)
E	PR19 Business plan App1 (column AU)
F	PR19 Business plan App1 (column R)
G	PR19 Business plan App1 (column T)
Н	% change between 2024-25 and 2019-20 for leakage and per capita consumption only.

Line description		Item references	Units	its DPs Price base		PR14 final determination expenditure 2015-20	Proposed for PR19 2020-25
А	Total expenditure summary						
1	Water network plus	W3026TERWD plus W3026TEWT plus W3026TETWD	£m	3	2017-18 FYA (CPIH deflated)	929.438	814.114
2	Water resources	W3026TEWR	£m	3	2017-18 FYA (CPIH deflated)	929.430	80.138
3	Wastewater network plus	S3040TCASC plus S3040TCAST	£m	3	2017-18 FYA (CPIH deflated)	1005.461	848.336
4	Bio resources	S3040TCASTP plus S3040TCASDT plus S3040TCASDD	£m	3	2017-18 FYA (CPIH deflated)	1005.401	102.752
5	Residential retail costs	BM9023 plus BM4017	£m	3	Outturn (nominal prices)	175.098	153.490

Key

Input from PR19 Business plan tables
Input from alternative source
Calculation

Table 6.1 Guidance

Information in this table is drawn from the PR19 Business plan tables WS1 and WWS1 or requires manual input from the PR14 company specific appendix.

Line	Further information
Block A	Total expenditure summary
1	PR14 final determination expenditure: Water network plus and water resources PR14 final determination to be drawn from PR14 company specific appendix table A2.4 line 6 - allowed totex
	For 2020-25 this is totex for raw water distribution, water treatment and treated water distribution from PR19 Business plan table WS1 line 36
2	PR14 final determination expenditure: Water network plus and water resources PR14 final determination to be drawn from PR14 company specific appendix table A2.4 line 6 - allowed totex
	For 2020-25 this is totex for water resources from PR19 Business plan table WS1 line 36
3	PR14 final determination expenditure: Wastewater network plus and bioresources PR14 final determination to be drawn from PR14 company specific appendix table A3.4 line 6 - allowed totex
	For 2020-25 this is totex for sewage collection and sewage treatment from PR19 Business plan table WWS1 line 36
4	PR14 final determination expenditure: Wastewater network plus and bioresources PR14 final determination to be drawn from PR14 company specific appendix table A3.4 line 6 - allowed totex
	For 2020-25 this is totex for sludge transport, treatment and disposal from PR19 Business plan table WWS1 line 36
5	Residential retail to be drawn from PR14 final determination in nominal prices.
	For 2020-25 this is opex (line 10) and capex (line 15) from PR19 Business plan table R1 in nominal prices.

Table 6.2 Direct procurement for customers

South West Water

Line description	Item reference	Units	DPs	Total Project Cost 2019-20 to 2049-50
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Price base 2017-18 FYA (CPIH deflated)

Α	Direct procurement for customers proposals	1			
1	Bournemouth Water to Southern Water Transfer (possible future DPC	APP21P105	£m	3	0.000
2	[Project 2 name]	APP21P205	£m	3	
3	[Project 3 name]	APP21P305	£m	3	
4	[Project 4 name]	APP21P405	£m	3	
5	[Project 5name]	APP21P505	£m	3	
6	[Project 6 name]	APP21P605	£m	3	
7	[Project 7 name]	APP21P705	£m	3	
8	[Project 8 name]	APP21P805	£m	3	
9	[Project 9 name]	APP21P905	£m	3	
10	[Project 10 name]	APP21P1005	£m	3	

Key

Input to PR19 Business plan tables
Input from alternative source
Calculation

Table 6.2 Guidance

Project names and total appointee costs (line 5) from PR19 Business plan table App21.