

## Cover sheet

### Introduction

These guidance tables support companies in completing the pro-forma for their Business plan presentations to Ofwat Board members and senior leadership that will take place during September-October 2018.

The tables include references to the relevant PR19 business plan tables from which to draw information. Where the information requested is not contained in the PR19 business plan tables, we have indicated the alternative source of the information e.g. the PR14 final determination, Annual Performance Report (APR).

### Instructions

Please select your company from this drop down list: **Thames Water** The company name will be automatically copied across to each table.

Please complete all cells for each table. For the purposes of this pro-forma only (which does not contain validation checks), if particular cells are not applicable, these can either be left blank or NA entered.

### Submission

We expect companies to submit these guidance tables alongside their completed pro-forma and PR19 bill movement model to Ofwat along with their PR19 Business Plans by 5pm on Monday 3 September 2018.

**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)
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A Explanatory variables														
1	Number of residential water customers (000s)	R3017 + R3018	000s	3	49.050	52.676								
2	Number of residential wastewater customers (000s)	R3019 + R3020	000s	3	1972.921	2079.202								
3	Number of residential water and wastewater customers (000s)	R3021 + R3022	000s	3	3499.437	3710.070								
4	Total leakage	BN2345	MI/d	2	637.88	540.27	-15.30%							
5	Leakage/km/main/day	APP2007	cm/km/day	1	19.9	16.5	-17.09%							
6	Leakage/property/day	APP2006	l/p/d	1	155.3	122.9	-20.86%							
7	Per Capita Consumption (PCC)		l/p/d	2	142.0	136.00	-4.23%							
8	ODI RoRE range		%	2	-1.5% to +0.8%	-1.5% to +0.5%								
9	Appointee WACC (real RPI)		%	2	3.54%	2.40%								
10	Appointee WACC (real CPIH)		%	2	4.56%	3.40%								
11	Credit rating – actual financial structure	A8A01D01	Text	0	BBB+	BBB+ / Baa1								

B 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		

		82.93%	79.54%	79.75%	78.70%	78.66%	77.06%	78.74%
		1.66	1.22	1.34	1.43	1.42	1.43	1.37
1.25			1.52	1.48	1.43	1.33	1.30	1.41
	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.07		0.08	0.08	0.07	0.07	0.06	0.06	0.07

Lines 15 and 16 are displayed as a % in Price Review tables but unit is specified as a ratio not %.

**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
<b>Block A Explanatory variables</b>	
1	Water only columns in PR19 Business plan table R1 line 16.
2	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. <b>Error - should be APP2</b>
6	PR19 Business plan table App7 line 6. <b>Error - should be APP2</b>
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.
9	<p>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.</p> <p>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: <math>Nominal\ to\ RPI: (1 + \langle nominal\ wacc \rangle) / (1 + 3\%) - 1</math>.</p>
10	<p>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: <math>RPI\ to\ CPIH = (1 + \langle RPI\ wacc \rangle) * (1 + 3\%) / (1 + 2\%) - 1</math>.</p> <p>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: <math>Nominal\ to\ CPIH: (1 + \langle nominal\ wacc \rangle) / (1 + 2\%) - 1</math>.</p>
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.
<b>Block B Financial metrics</b>	
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

Thames 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)

A	RCV year balances						
1	Water resources RCV	APP8012WR and APP8021WR	£m	3	289.496	462.101	60%
2	Water network plus RCV	APP8012WN and APP8021WN	£m	3	5,791.004	7,583.088	31%
3	Wastewater network plus RCV	APP8012WWN and APP8021WWN	£m	3	4,966.998	6,105.865	23%
4	Bioresources RCV	RCV1011BIO_FYA_CPY and APP8021BIO	£m	3	1,511.998	1,562.087	3%

### 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
<b>Block A</b>	<b>RCV year balances</b>
1	PR19 Business plan table App8 lines 16 and 108. <a href="#">Comment: Correction sum line 110 and 104 for closing</a>
2	PR19 Business plan table App8 lines 30 and 109. <a href="#">Comment: Correction sum of lines 111 and 105 for closing</a>
3	PR19 Business plan table App8 lines 69 and 110. <a href="#">Comment: Correction sum of 112 and 106 for closing</a>
4	PR19 Business plan table App8 lines 55 and 111. <a href="#">Comment: Correction sum of lines 113 and 107 for closing</a>

## Table 2.4 Dividends

Thames Water

Line description	Item references	Units	DPs	2015-16	2016-17	2017-18	2020-21	2021-22	2022-23	2023-24	2024-25	
<b>Price base</b>				Outturn (nominal)								
<b>A</b>	<b>Dividends - nominal prices</b>											
1	Dividends based on PR14 actual company structure	BO3402	£m	3	-70.000	-109.161	-43.405					
2	Dividends based on PR19 actual company structure	A10017A	£m	3				-106.640	-108.206	-109.981	-107.761	-107.465

### 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
<b>Block A</b>	<b>Dividends - nominal prices</b>
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.

Table 4.1 PR14 Performance Commitments

Thames Water

A	B	C	D	E	F	G	H	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
<b>PR14 Performance Commitments</b>										
1	PR14TMSWSW_WA1	WA1: Improve handling of written complaints by increasing 1st time resolution	No	Yes	Yes	No	Yes	-	-	0.0000
2	PR14TMSWSW_WA2	WA2: Number of written complaints per 10,000 connected properties	Yes	Yes	No	No	No	-	-	0.0000
3	PR14TMSWSW_WA3	WA3: Customer satisfaction surveys (internal CSAT monitor)	Yes	Yes	No	No	No	-	-	0.0000
4	PR14TMSWSW_WA4	WA4: Reduced water consumption from issuing water efficiency devices to customers	-	-	-	-	Yes	-	0.0000	0.0000
5	PR14TMSWSW_WA5	WA5: Provide a free repair service for customers with a customer side leak outside of the property	Yes	Yes	Yes	Yes	Yes	-	-	0.0000
6	PR14TMSWSW_WB1	WB1: Asset health water infrastructure	No	No	No	No	No	-14.0250	-9.3500	-23.3750
7	PR14TMSWSW_WB2	WB2: Asset health water non-infrastructure	Yes	Yes	Yes	Yes	Yes	0.0000	0.0000	0.0000
8	PR14TMSWSW_WB3	WB3: Compliance with drinking water quality standards (MZC) - Ofwat/ DWI KPI	Yes	Yes	No	No	No	0.0000	0.0000	0.0000
9	PR14TMSWSW_WB4	WB4: Properties experiencing chronic low pressure (DG2)	Yes	Yes	No	Yes	Yes	-	-	0.0000
10	PR14TMSWSW_WB5	WB5: Average hours lost supply per property served, due to interruptions > 4 hours	Yes	Yes	No	Yes	Yes	-4.4200	0.0000	-4.4200
11	PR14TMSWSW_WB6	WB6: Security of Supply Index - Ofwat KPI	Yes	No	No	Yes	Yes	-9.0600	0.0000	-9.0600
12	PR14TMSWSW_WB7	WB7: Compliance with SEMD advice notes (with or without derogation)	-	-	-	-	Yes	-	0.0000	0.0000
13	PR14TMSWSW_WB8	WB8: MI/d of sites made resilient to future extreme rainfall events	-	-	-	-	Yes	-	0.0000	0.0000
14	PR14TMSWSW_WC1	WC1: Greenhouse gas emissions from water operations	No	Yes	Yes	Yes	Yes	-	-	0.0000
15	PR14TMSWSW_WC2	WC2: Leakage	Yes	No	No	No	Yes	-21.6000	-27.0000	-48.6000
16	PR14TMSWSW_WC3	WC3: Abstraction Incentive Mechanism (AIM)	-	Yes	Yes	Yes	Yes	-	-	0.0000
17	PR14TMSWSW_WC4	WC4: We will educate our existing and future customers	Yes	Yes	Yes	Yes	Yes	-	-	0.0000
18	PR14TMSWSW_WC5	WC5: Deliver 100% of agreed measures to meet new environmental regulations	-	-	-	-	Yes	-	0.0000	0.0000
19	PR14TMSWSW_WD1	WD1: Energy imported less energy exported	No	No	No	No	Yes	-	-	0.0000
20	PR14TMSWSW_W_SA1	SA1: Improve handling of written complaints by increasing first time resolution	No	No	No	No	Yes	-	-	0.0000
21	PR14TMSWSW_W_SA2	SA2: Number of written complaints per 10,000 connected properties	Yes	Yes	Yes	Yes	Yes	-	-	0.0000
22	PR14TMSWSW_W_SA3	SA3: Customer satisfaction surveys (internal CSAT monitor)	No	No	No	No	No	-	-	0.0000
23	PR14TMSWSW_W_SB1	SB1: Asset health wastewater non-infrastructure	Yes	Yes	Yes	Yes	Yes	0.0000	0.0000	0.0000
24	PR14TMSWSW_W_SB2	SB2: Asset health wastewater infrastructure	Yes	Yes	Yes	Yes	Yes	0.0000	0.0000	0.0000
25	PR14TMSWSW_W_SB3	SB3: Properties protected from flooding due to rainfall (including Counters Creek project)	-	-	-	-	Yes	-	-	0.0000
26	PR14TMSWSW_W_SB4	SB4: Number of internal flooding incidents, excluding those due to overloaded sewers (SFOC)	No	No	Yes	Yes	Yes	-10.8850	4.9500	-5.9350
27	PR14TMSWSW_W_SB5	SB5: Contributing area disconnected from combined sewers by retrofitting sustainable drainage	-	-	-	-	Yes	-	0.0000	0.0000
28	PR14TMSWSW_W_SB6	SB6: Compliance with SEMD advice notes (with or without derogation)	-	-	-	-	Yes	-	0.0000	0.0000
29	PR14TMSWSW_W_SB7	SB7: Population equivalent of sites made resilient to future extreme rainfall events	-	-	-	-	Yes	-	0.0000	0.0000
30	PR14TMSWSW_W_SB8	SB8: Lee Tunnel including Shaft G	Yes	-	-	Yes	Yes	0.0000	0.0000	0.0000
31	PR14TMSWSW_W_SB9	SB9: Deephams Wastewater Treatment Works	-	Yes	-	Yes	Yes	0.0000	0.0000	0.0000
32	PR14TMSWSW_W_SC1	SC1: Greenhouse gas emissions from wastewater operations	No	Yes	Yes	Yes	Yes	-	-	0.0000
33	PR14TMSWSW_W_SC2	SC2: Total category 1-3 pollution incidents from sewage related premises	Yes	Yes	Yes	Yes	Yes	0.0000	0.0000	0.0000
34	PR14TMSWSW_W_SC3	SC3: Sewage treatment works discharge compliance	No	No	No	No	No	-2.3070	-1.1535	-3.4605
35	PR14TMSWSW_W_SC4	SC4: Water bodies improved or protected from deterioration as a result of Thames Water's activities	-	-	-	-	No	-	-	0.0000
36	PR14TMSWSW_W_SC5	SC5: Satisfactory sludge disposal compliance	Yes	Yes	Yes	Yes	Yes	-	-	0.0000
37	PR14TMSWSW_W_SC6	SC6: We will educate our existing and future customers	Yes	Yes	Yes	Yes	Yes	-	-	0.0000
38	PR14TMSWSW_W_SC7	SC7: Modelled reduction in properties affected by odour	Yes	Yes	Yes	Yes	Yes	0.1571	0.1008	0.2579
39	PR14TMSWSW_W_SC8	SC8: Deliver 100% of agreed measures to meet new environmental regulations	-	-	-	-	Yes	-	0.0000	0.0000
40	PR14TMSWSW_W_SC9	SC9: Reduce the amount of phosphorus entering rivers to help improve aquatic plant and wildlife	-	-	-	-	Yes	-	0.0000	0.0000
41	PR14TMSWSW_W_SD1	SD1: Energy imported less energy exported	No	No	No	No	No	-	-	0.0000
42	PR14TMSWTTT_T1A	T1A: Successful procurement of the Infrastructure Provider (IP)	Yes	-	-	Yes	Yes	-	-	0.0000
43	PR14TMSWTTT_T1B	T1B: Thames Water will fulfil its land related commitments in line with the TTT programme requirements	Yes	Yes	Yes	Yes	Yes	-	-	0.0000
44	PR14TMSWTTT_T1C	T1C: Completion of category 2 and 3 construction works and timely availability of sites to the IP	Yes	Yes	Yes	Yes	Yes	0.0000	0.0000	0.0000
45	PR14TMSWTTT_T2	T2: Thames Water will engage effectively with the IP, and other stakeholders, both in terms of integration and assurance	-	Yes	Yes	Yes	Yes	-	-	0.0000
46	PR14TMSWTTT_T3	T3: Thames Water will engage with its customers to build understanding of the TTT project. Thames Water will liaise with the IP on its surveys of local communities impacted by	-	No	No	No	No	-	-	0.0000

A	B	C	D	E	F	G	H	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
47	PR14TMSHHR RA1	RA1: Minimise the number of written complaints received from customers (relating to charging and billing)	Yes	No	Yes	No	Yes	-	-	0.0000
48	PR14TMSHHR RA2	RA2: Improve handling of written complaints by increasing first time resolution - charging and billing	No	No	Yes	Yes	Yes	-	-	0.0000
49	PR14TMSHHR RA3	RA3: Improve customer satisfaction of retail customers - charging and billing service	Yes	Yes	Yes	Yes	Yes	-	-	0.0000
50	PR14TMSHHR RA4	RA4: Improve customer satisfaction of retail customers - operations contact centre	No	No	No	No	No	-	-	0.0000
51	PR14TMSHHR RA5	RA5: Increase the number of bills based on actual meter reads (in cycle)	No	Yes	Yes	Yes	Yes	-	-	0.0000
52	PR14TMSHHR RA6	RA6: Service incentive mechanism (SIM)	No	No	-	-	-	-	-	0.0000
53	PR14TMSHHR RB1	RB1: Implement new online account management for customers supported by web-chat	Yes	Yes	Yes	Yes	Yes	-	0.0000	0.0000
54	PR14TMSHHR RC1	RC1: Increase the number of customers on payment plans (excluding Thames Tideway Tunnel)	Yes	Yes	Yes	Yes	Yes	-	-	0.0000
55	PR14TMSHHR RC2	RC2: Increase cash collection rates (excluding Thames Tideway Tunnel)	No	No	No	Yes	No	-	-	0.0000

**Key**

	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 outlined 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
<b>Block A</b>	<b>PR14 Performance Commitments</b>
B	Company PC reference
C	PC name
D	APR table 3A (2016)
E	APR table 3A (2017)
F	APR table 3A (2018)
G	PR19 Business plan table App5 (column W)
H	PR19 Business plan App5 (column AC)
I	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****Thames Water**

Line description		Item reference	Units	DPs	2015-16	2016-17	2017-18
<b>A</b>	<b>SIM score</b>						
1	Total annual SIM score (out of 100)	KI001U	nr	0	77	77	78

**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
<b>Block A SIM score</b>	
1	The total annual SIM score is the addition of R10 lines 5 and 7.



**Table 5.1 Common performance commitments**

**Thames Water**

A	B	C	D	E	F	G	H
Line	Description	ID (eg W-A1)	2019-20 forecast performance level (where relevant)	2024-25 proposed performance commitment level	ODI type	In period / end of period ODI	2019-20 to 2024-25 % change
<b>A</b>	<b>PR19 Common performance commitments summary</b>						
1	<b>Water quality compliance</b> – the DWI's Compliance Risk Index (CRI), a score greater than or equal to zero, where zero is least risk	BW06	6.58	0.00	Under	In-period	
2	<b>Water supply interruptions</b> – average supply interruption greater than 3 hours (minutes per property)	BW03	00:10:35	00:09:59	Out & under	In-period	
3	<b>Mains bursts</b> – number of water mains bursts per 1,000 kilometres of total length of mains	BW01	281	281	Out & under	In-period	
4	<b>Unplanned outage</b> – proportion of unplanned outage of the total company production capacity (%)	BW02	18.0	17.0	Out & under	In-period	
5	<b>Leakage</b> – megalitres per day (M/d), three-year average	BW04	690	568	Out & under	In-period	-17.68%
6	<b>Per capita consumption</b> – average amount of water used by each person that lives in a household property (litres per person per day), three year average	BW05	142	136	Out & under	In-period	-4.23%
7	<b>Risk of severe restrictions in a drought</b> – 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	DW01	77.10	76.90	NFI		
8	<b>Treatment works compliance</b> – % compliance with environmental permits at water and wastewater treatment works (EA's Environmental Performance Assessment definition)	CS01	99.2	100.0	Under	In-period	
9	<b>Internal sewer flooding</b> – number of incidents per year (sewerage companies only)	CS03	1244	1052	Out & under	In-period	
10	<b>Sewer collapses</b> – number per 1,000 kilometres of sewer (sewerage companies only)	CS02	4.0	4.0	Out & under	In-period	
11	<b>Pollution incidents</b> – category 1-3 pollution incidents per 1,000km of sewerage network, as reported to the Environment Agency and Natural Resources Wales (sewerage companies only)	ES01	28	23	Out & under	In-period	
12	<b>Risk of sewer flooding in a storm</b> – percentage of population at risk of sewer flooding in a 1-in-50 year storm (sewerage companies only)	DS01	10.25	9.90	NFI		

**Key**

- 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
<b>Block A</b>	<b>PR19 Common performance commitments summary</b>
B	Description of the PR19 common performance commitment.
C	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)
H	% change between 2024-25 and 2019-20 for leakage and per capita consumption only.

## Table 6.1 Total expenditure

Thames Water

Line description	Item references	Units	DPs	Price base	PR14 final determination expenditure 2015-20	Proposed for PR19 2020-25
<b>A</b>	<b>Total expenditure summary</b>					
1	Water network plus	W3026TERWD plus W3026TEWT plus W3026TETWD	£m	3	2017-18 FYA (CPIH deflated)	5063.192
2	Water resources	W3026TEWR	£m	3	2017-18 FYA (CPIH deflated)	595.012
3	Wastewater network plus	S3040TCASC plus S3040TCAST	£m	3	2017-18 FYA (CPIH deflated)	4309.236
4	Bio resources	S3040TCASTP plus S3040TCASDT plus S3040TCASDD	£m	3	2017-18 FYA (CPIH deflated)	687.932
5	Residential retail costs	BM9023 plus BM4017	£m	3	Outturn (nominal prices)	832.212

**This table does not include the Totex from the Tideway Tunnel Price Control**

### 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
<b>Block A Total expenditure summary</b>	
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**

**Thames Water**

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

<b>A</b>	<b>Direct procurement for customers proposals</b>				
1	Abingdon Reservoir	APP21P105	£m	3	314.910
2	Deephams Re-use	APP21P205	£m	3	21.240
3	[Project 3 name]	APP21P305	£m	3	
4	[Project 4 name]	APP21P405	£m	3	
5	[Project 5 name]	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.