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PART A - OUR COMPANY STRATEGY

Table A1 - Yorkshire Water - Price limits, bills, water sales and supply/demand balance

Line description	Units	AMP4			AMP5					
		2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	
A Price limits & infrastructure charge limit										
1	Proposed price limit "K" (including U)	%	3.6	3.6	2.1	0.6	0.6	0.6	0.6	0.6
2	Water service indicative "K"	%	2.7	2.5	0.7	-3.4	0.9	-0.3	-0.1	-0.3
3	Sewerage service indicative "K"	%	4.5	4.6	3.4	4.2	0.3	1.4	1.2	1.4
4	Proposed infrastructure charge limit - water service	£	276.81			276.00				
5	Proposed infrastructure charge limit - sewerage service	£	276.81			276.00				
6	RPI year by year assumption	%	3.9	4.3	4.0	3.0	2.5	2.5	2.5	2.5
B Projected household bills - water service										
7	Typical unmeasured h'hold bill (base yr avg chg) - real terms	£	149.30	154.96	156.81	151.15	153.80	154.37	155.57	155.99
8	Typical measured h'hold bill (base yr avg chg) - real terms	£	123.76	125.74	126.76	124.23	125.15	124.83	124.55	124.43
9	Average household bills - real terms	£	140.84	144.55	145.32	140.04	141.21	140.32	139.76	138.85
10	Average household bills - nominal terms	£	140.84	150.74	157.60	156.43	161.68	164.67	168.12	171.20
C Projected household bills - sewerage service										
11	Typical unmeasured h'hold bill (base yr avg chg) - real terms	£	166.19	175.57	181.48	188.62	190.53	194.49	198.50	202.38
12	Typical measured h'hold bill (base yr avg chg) - real terms	£	134.53	139.76	145.07	152.19	152.68	154.71	156.30	158.59
13	Average h'hold bills - real terms	£	155.80	162.85	167.27	173.01	173.07	174.53	175.74	177.15
14	Average h'hold bills - nominal terms	£	155.80	169.82	181.40	193.26	198.16	204.82	211.40	218.42
D Water sales & supply/demand balance										
15	Billed water delivered	MI/d	1009.82	1002.09	1001.88	999.90	998.27	995.58	991.85	989.43
16	Total volume of sewage collected	MI/d	860.71	849.53	835.86	840.55	836.84	830.33	823.88	818.60
17	Total water available for use baseline (dry year annual average)	MI/d	1428.79	1424.16	1418.40	1410.91	1406.81	1402.47	1398.37	1394.27
18	Distribution input (dry year annual average)	MI/d	1350.41	1349.39	1349.63	1348.04	1346.58	1345.66	1340.93	1338.83
19	Total leakage	MI/d	293.63	297.10	292.10	287.10	287.10	282.10	282.10	282.10
20	Total water savings achieved or assumed from company's water efficiency strategy	MI/d	6.70	6.70	6.70	2.10	2.10	2.10	2.10	2.10

PART A - COMPANY STRATEGY

Table A2 - Yorkshire Water - Water service - Current performance & planned outputs

Line description	Units	Level of performance		Level of performance by 2014-15	Level of performance by 2019-20	
		2002-03	2007-08			
A Service performance						
1	DG2 Properties at risk of receiving low pressure	nr	185	102	24	
2	DG3 Supply interruptions (overall performance score)	nr	0.20	0.14	0.10	
3	DG6 % billing contacts dealt with within 5 days	%	100.0	100.0	100.0	
4	DG7 % written complaints dealt with within 10 days	%	99.4	99.0	99.9	
5	DG8 % metered customers receiving bill based on a meter reading	%	99.9	99.6	99.9	
6	DG9 % calls abandoned	%		9.3	2.0	
7	DG9 % calls receiving the engaged tone	%		0.0	0.0	
8	Security of supply index (dry year annual average - planned levels of service)	%	100	100	100	
9	Security of supply index (critical index)	%		100	100	
B Quality & environmental compliance						
10	% distribution input covered by section 19 undertakings at water treatment works	%		3.412	2.965	
11	% distribution input not affected by section 19 undertakings or temporary relaxations or Authorised Departures	%	100.000	78.455	97.035	
12	% of properties in water supply zones affected by section 19 undertakings in distribution or Authorised Departures	%		48.150	13.986	
13	% mean zonal compliance with drinking water regulations	%		99.97	99.96	
C Serviceability to customers (maintaining asset systems fit for purpose)						
14	Below ground assets assessment - infrastructure pipelines	text	stable	stable	Stable	Stable
15	Surface assets assessment (non infrastructure)	text	stable	stable	Stable	Stable
D Carbon Accounting						
16	Carbon emissions produced in providing the service in 2014-15	ktonnes/year			150.0	
17	Other GHG emissions (as CO2e) produced in providing the service in 2014-15	ktonnes/year			24.0	

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PART A - COMPANY STRATEGY

Table A3 - Yorkshire Water - Sewerage service - Current performance & planned outputs

Line description	Units	Level of performance		Level of performance by 2014-15	Level of performance by 2019-20	
		2002-03	2007-08			
A Service performance						
1	DG5 properties at risk of flooding (2 in 10 years)	nr	93	61	32	16
2	DG5 properties at risk of flooding (1 in 10 years)	nr	257	135	94	47
3	D5 properties at risk of internal flooding (1 in 20 years)	nr		147	180	180
4	Properties internally flooded in year due to overloaded sewers excluding severe weather	nr		102	116	116
5	DG5 properties internally flooded in year due to other causes	nr	347	275	141	72
6	Areas flooded externally due to overloaded sewers, excluding severe weather	nr		208	356	356
7	Areas externally flooded in year due to other causes	nr		1162	3273	3273
B Quality & environmental compliance						
8	% Intermittent discharges unsatisfactory	%	71.4	98.1	0.0	
9	% Bathing waters not meeting "excellent" quality	%		80.0	0.0	
10	% Bathing waters not meeting "good" quality	%		45.0	0.0	
11	% Bathing waters not meeting "sufficient" quality	%		20.0	0.0	
12	% of sewage treatment works non compliant (Water Resources Act numeric consents)	%		1.3	1.3	
13	% of sewage treatment works non compliant (Urban Waste Water Treatment Directive consents)	%		0.7	0.7	
14	% of total p.e. served by sewage treatment works in breach of Water Resources Act consent (LUT)	%		0.5	0.0	
15	% of total p.e. served by sewage treatment works in breach of Urban Waste Water Treatment Directive consents (LUT)	%		0.0	0.0	
C Serviceability to customers (maintaining asset systems fit for purpose)						
16	Below ground assets assessment (infrastructure)	text	Stable	Stable	Improving	Improving
17	Surface assets assessment (non-infra)	text	Deteriorating	Marginal	Stable	Stable
D Carbon Accounting						
18	Carbon emissions produced in providing the service in 2014-15	ktonnes/year			196.0	
19	Other GHG emissions (as CO2e) produced in providing the service in 2014-15	ktonnes/year			118.0	

PART A - COMPANY STRATEGY

Table A4 - Yorkshire Water - Water service - Key activity projections

Line description	Units	Activity in AMP5 period relating to base service	Activity in AMP5 period relating to enhancements	Total planned activity in AMP5 period	Profile of activity	Total planned activity in AMP6 period
A Key activity projections - water resources						
1 Length of raw water aqueducts refurbished	km	0.8	0.0	0.8	S	0.8
2 Work on dams & impounding reservoirs	nr	39	0	39	S	32
3 Capital investment in aqueducts, dams and impounding reservoirs	£m	68.073	0.000	68.073	S	55.820
B Key activity projections - water treatment						
4 Number of refurbished or new treatment works	nr	40	11	51	S	33
5 MI/day of refurbished or new treatment works	MI/d	1484.00	587.00	2071.00	S	1,325.50
6 Capital investment in refurbished or new treatment works	£m	133.258	76.094	209.352	S	133.985
C Key activity projections - water distribution						
7 Length of mains renewed	km	593.9	29.1	623.0	S	791.0
8 Length of mains relined	km	89.0	198.3	287.3	S	323.3
9 Length of new mains	km	0.0	317.5	317.5	S	317.5
10 Number of refurbished or new district meters & pressure control valves	nr	0	0	0	S	0
11 Capital investment in underground water distribution activity (incl investment in meters reported in Block E of this table)	£m	244.593	147.857	392.450	S	363.572
12 Number of refurbished or new pumping stations	nr	6	0	6	S	6
13 Capital investment in refurbished or new pumping stations	£m	15.269	0.000	15.269	S	15.269
14 Number of refurbished or new service reservoirs	nr	15	0	15	S	7
15 Capital investment in refurbished or new service reservoirs	£m	35.806	0.000	35.806	S	16.471
D Key activity projections - management & general						
16 Offices, labs, depots, workshops	m ²	0.0	0.0	0.0	S	0.0
17 Capital investment in offices, labs, depots, workshops and vehicles	£m	57.340	0.000	57.340	S	56.200
18 Capital investment in instrumentation, control and automation (ICA), telemetry & computers	£m	52.001	0.000	52.001	S	52.001
E Key activity projections - metering performance						
19 Number of household meters renewed	nr			250,000	S	250,000
20 Optional meters: households	nr			263,000	S	252,923
21 Selective meters: households	nr			0	S	0
22 Percentage of households metered (at the end of the period)	%			48	R	57
F Total - water service						
23 Total capital investment in the water service	£m	606.340	223.951	830.291		693.3179

AMP5 profile codes
S - Stable
R - Rising
F - Falling
P - Peaking in a particular year (* = 1 to 5)
T - Trough in a particular year (* = 1 to 5)

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PART A - COMPANY STRATEGY

Table A5 - Yorkshire Water - Sewerage service - Key activity projections

Line description	Units	Activity in AMP5 period relating to base service	Activity in AMP5 period relating to enhancements	Total planned activity in AMP5 period	Profile of activity	Total planned activity in AMP6 period
A Key activity projections - sewers						
1	km	6.0	3.0	9.0	S	13.0
2	km	44.0	12.0	56.0	S	83.0
3	km	0.0	0.0	0.0	S	0.0
4	km	17.0	6.0	23.0	S	34.0
5	km	39.0	9.0	48.0	S	70.0
6	km	0.0	0.8	0.8	S	0.8
7	£m	144.352	193.300	337.652	S	365.150
8	nr	1	1	2	S	2
9	£m	5.443	17.850	23.293	S	23.293
B Key activity projections - sewage treatment & disposal.						
10	nr	15	43	58	S	15
11	000	3.07	1482.06	1,485.13	S	3.07
12	£m	191.979	361.140	553.119	S	191.979
13	nr	1	32	33	S	2
14	£m	69.929	11.360	81.289	S	276.430
C Key activity projections - sewerage service						
15	nr	1	0	1	S	1
16	£m	43.350	52.340	95.690	S	43.350
17	nr	0	4	4	S	4
18	£m	0.640	16.230	16.870	S	0.640
D Key activity projections - management & general						
19	m ²	0.0	0.0	0.0	S	0.0
20	£m	57.340	0.000	57.340	S	56.200
21	£m	52.001	0.000	52.001	S	52.001
E Total - sewerage service						
22	£m	565.034	652.220	1217.254		1009.043

AMP5 profile codes
S - Stable
R - Rising
F - Falling
P - Peaking in a particular year (* = 1 to 5)
T - Trough in a particular year (* = 1 to 5)

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PART A - COMPANY STRATEGY

Table A7 - Yorkshire Water - Water service - Expenditure projections

Line description	Units	AMP4			AMP5					
		2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	
A Base service levels (£/property served)										
1	Operating expenditure to maintain current services to consumers	£/prop	72.65	72.92	72.31	71.97	70.89	69.56	68.46	67.52
2	Expenditure on pipelines, dams and aqueducts to maintain current services to consumers - "infrastructure"	£/prop	17.30	14.77	13.82	20.68	20.46	20.25	20.04	19.83
3	Expenditure on surface assets (includes abstraction, treatment, pumping and service storage) to maintain current services to consumers - "non-infrastructure"	£/prop	24.08	24.50	18.89	35.44	35.07	34.70	34.34	33.99
B Enhanced service levels (£/property served)										
4	Additional operating expenditure for improving services to consumers	£/prop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Additional capital expenditure for improving services to consumers	£/prop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C Supply/demand balance (£/property served)										
6	Additional operating expenditure to continue to maintain and improve the balance between the water available and the demand from consumers	£/prop	0.00	0.08	0.28	0.34	0.32	0.40	0.38	0.38
7	Additional capital expenditure to continue to maintain and improve the balance between the water available and the demand from consumers	£/prop	2.11	4.67	5.87	6.13	6.65	4.82	3.57	3.27
D Quality enhancements (£/property served)										
8	Additional operating expenditure to meet new environmental and water quality standards	£/prop	0.00	0.11	0.29	0.52	0.53	0.57	0.60	0.66
9	Additional capital expenditure to meet new environmental and water quality standards	£/prop	29.01	25.59	10.58	16.01	17.56	9.59	12.27	7.35
E Enhancements - large projects (£/property served)										
10	Additional operating expenditure for large projects	£/prop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Additional capital expenditure for large projects	£/prop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F Water service totals (£/property served)										
12	Total operating expenditure	£/prop	72.65	73.11	72.87	72.82	71.73	70.53	69.44	68.56
13	Total capital expenditure excluding grants and contributions	£/prop	72.49	69.53	49.16	78.26	79.74	69.35	70.21	64.43
14	Average connected properties (excluding empty properties)	000	2051.04	2068.04	2090.66	2113.28	2135.90	2158.52	2181.14	2203.76
G Water service totals (£m)										
15	Total operating expenditure	£m	149.013	151.188	152.355	153.898	153.216	152.240	151.453	151.082
16	Total capital expenditure excluding grants and contributions	£m	148.687	143.797	102.787	165.395	170.311	149.701	153.146	141.995
17	Forecast capital expenditure real price effect (RPE)	%	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	Total capital expenditure (2007-08 cost terms) excluding grants and contributions	£m	147.336	143.797	102.787	165.395	170.311	149.701	153.146	141.995
19	Total capital grants, contributions and compensation for abstractions	£m	8.926	8.450	9.832	9.889	9.889	9.889	9.889	9.889

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PART A - COMPANY STRATEGY

Table A8 - Yorkshire Water - Sewerage service - Expenditure projections

Line description	Units	AMP4			AMP5					
		2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	
A Base service levels (£/property served)										
1	Operating expenditure to maintain current services to consumers	£/prop	62.94	63.71	63.02	62.66	62.01	61.13	60.26	59.51
2	Expenditure on below ground assets (includes sewers and storm overflows) to maintain current services to consumers - "infrastructure"	£/prop	6.27	3.93	9.25	11.62	11.49	11.37	11.25	11.14
3	Expenditure on surface assets (includes sewage treatment & disposal and pumping) to maintain current services to consumers - "non-infrastructure"	£/prop	40.87	40.83	24.34	40.16	39.73	39.31	38.91	38.51
B Enhanced service levels (£/property served)										
4	Additional operating expenditure for improving services to consumers	£/prop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Additional capital expenditure on improving services to consumers	£/prop	0.41	0.14	0.08	12.47	12.34	12.21	12.08	11.96
C Supply/demand balance (£/property served)										
6	Additional operating expenditure to continue to accommodate and deal with increased waste water from consumers	£/prop	0.00	0.11	0.20	0.27	0.34	0.40	0.47	0.53
7	Additional capital expenditure to continue to accommodate and deal with increased waste water from consumers	£/prop	4.27	-0.43	3.57	5.84	7.26	5.75	4.27	2.64
D Quality enhancements (£/property served)										
8	Additional operating expenditure to meet new environmental standards	£/prop	0.00	1.27	2.64	2.72	2.69	2.75	3.89	6.31
9	Additional capital expenditure to meet new environmental standards	£/prop	50.50	44.33	20.82	30.75	51.91	61.68	39.53	10.15
E Enhancements - large projects (£/property served)										
10	Additional operating expenditure for large projects	£/prop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Additional capital expenditure for large projects	£/prop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
F Water service totals (£/property served)										
12	Total operating expenditure	£/prop	62.94	65.09	65.87	65.65	65.04	64.28	64.62	66.35
13	Total capital expenditure excluding grants and contributions	£/prop	102.34	88.80	58.07	100.84	122.73	130.33	106.04	74.40
14	Average connected properties (excluding empty properties)	000	2044.953	2061.954	2084.554	2107.154	2129.754	2152.354	2174.954	2197.554
G Water service totals (£m)										
15	Total operating expenditure	£m	128.719	134.221	137.306	138.329	138.525	138.352	140.551	145.813
16	Total capital expenditure excluding grants and contributions	£m	209.271	183.093	121.053	212.479	261.392	280.517	230.635	163.489
17	Forecast capital expenditure real price effect (RPE)	%	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	Total capital expenditure (2007-08 cost terms) excluding grants and contributions	£m	207.369	183.093	121.053	212.479	261.392	280.517	230.635	163.489
19	Total grants and contributions received by companies from third parties	£m	6.040	11.781	9.876	9.810	9.810	9.810	9.810	9.810

A9 Public Domain

Striking The Right Balance | Draft Business Plan

PART A - COMPANY STRATEGY

Table A9 - Yorkshire Water - Financial projections - Public domain

Line description		Units	AMP4	AMP 5	
			2007-08	2010-11	2014-15
A Current cost profit & loss and financial indicators					
1	Turnover	£m	785	853	881
2	Operating costs	£m	271	292	297
3	Capital charges	£m	241	247	264
4	Operating profit	£m	299	315	322
5	Regulatory capital value-year end	£m	4251	4519	4869
6	Pre tax return on regulatory capital value	%		7.0	6.6

A10

PART A - COMPANY STRATEGY

Table A10 - Yorkshire Water - Water and sewerage services - Summary of justification of company investment proposals

Line description		Units	Contribution to annual average household bill in 2014-15	Net present value of costs arising from investment proposals in 2010-15	Net present value of benefits arising from investment proposals in 2010-15	Capital expenditure proposed for 2010-15	Operating expenditure in 2014-15
			£/year	£m	£m	£m	£m/year
1	2		3	4	5	6	7
A Water Service							
1	The total plan for the water service 2010-15		14	-732	9308	829	0
2	Water service - Investment proposals demonstrated to be cost-beneficial		7	62	9213	393	2
3	Water Service - Investment proposals demonstrated to be non-cost-beneficial		6	-524	95	358	-2
4	Water service - Investment proposals not assessed		1	-270	0	78	0
5	Enter description		0	0	0	0	0
5....	Enter description		0	0	0	0	0
B Sewerage Service							
6	The total plan for the sewerage service 2010-15		29	-1494	11692	1220	7
7	Sewerage service - Investment proposals demonstrated to be cost-beneficial		11	24	11660	523	-1
8	Sewerage service - Investment proposals demonstrated to be non-cost-beneficial		17	-1236	32	612	8
9	Sewerage service - Investment proposals not assessed		1	-282	0	85	0
10	Enter description		0	0	0	0	0
10...	Enter description		0	0	0	0	0

In completing table A10 we have complied fully with the Ofwat reporting requirements. For clarification there are some key points not obvious from the table outlined below.

- Capital expenditure shown is gross and includes grants and contributions
- The non beneficial areas within the A10 table (lines 3 and 8) comprise:
 - Quality driven expenditure for statutory improvements
 - Supply and demand statutory investment for new development and diversions
 - Base maintenance schemes which have been prioritised to deliver regulatory serviceability targets in a cost beneficial manner

Table A10: Project database cost benefit data
Including non cost-beneficial statutory,
essential base maintenance and supply demand activities

