

**SECTION A: BASE INFORMATION**  
**Table A1: Connected and billed properties**

Line Ref.	Description	Units	Field Type	Report Year 2017-18		Report Year +1 Forecast 2018-19	
					CG		CG
<b>Billed Properties - Water</b>							
A1.1	Unmeasured household billed properties - potable water (including exempt)	Nr	I	2455306	A2	2474302	A3
A1.2	Measured household billed properties - potable water	Nr	I	440	A2	434	A3
A1.3	Unmeasured non-household billed properties - potable water (including exempt)	Nr	I	20766	B4	21137	B4
A1.4	Measured non-household billed properties - potable water	Nr	I	117579	B4	118743	B4
A1.5	Total number of billed properties - potable water	Nr	C	2594091	B4	2614616	B4
<b>Connected Properties - Water</b>							
A1.6	Unmeasured household connected properties	Nr	I	2515105	A2	2534101	A3
A1.7	Measured household connected properties	Nr	I	440	A2	434	A3
A1.8	Unmeasured non-household connected properties	Nr	I	25913	B4	26373	B4
A1.9	Measured non-household connected properties	Nr	I	127239	B4	128487	B4
A1.10	Total number of connected properties	Nr	C	2668697	B4	2689395	B4
<b>Billed Properties - Foul Sewerage</b>							
A1.11	Unmeasured household billed properties (including exempt)	Nr	I	2356295	A2	2374504	A3
A1.12	Measured household billed properties	Nr	I	112	A2	111	A3
A1.13	Unmeasured non-household billed properties (including exempt)	Nr	I	18087	B4	18403	B4
A1.14	Measured non-household billed properties	Nr	I	94524	B4	95450	B4
A1.15	Total number of billed properties	Nr	C	2469018	B4	2488468	B4
<b>Connected Properties - Foul Sewerage</b>							
A1.16	Unmeasured household connected properties	Nr	I	2413895	A2	2432104	A3
A1.17	Measured household connected properties	Nr	I	112	A2	111	A3
A1.18	Unmeasured non-household connected properties	Nr	I	22813	B4	23210	B4
A1.19	Measured non-household connected properties	Nr	I	103019	B4	104018	B4
A1.20	Total number of connected properties	Nr	C	2539839	B4	2559443	B4
<b>Billed Properties - Surface Drainage</b>							
A1.21	Unmeasured household billed properties (including exempt) not billed for property drainage	Nr	I	0	AX	0	AX
A1.22	Measured household billed properties not billed for property drainage	Nr	I	18	A2	17	A3
A1.23	Unmeasured non-household billed properties not billed for property drainage	Nr	I	2341	B4	1974	B4
A1.24	Measured non-household billed properties not billed for property drainage	Nr	I	2069	B4	2074	B4
A1.25	Household properties billed for surface drainage only	Nr	I	0	AX	0	AX
A1.26	Non-household properties billed for surface drainage only	Nr	I	30535	B4	34582	B4
A1.27	Total number of billed properties	Nr	C	2565946	B4	2589960	B4
<b>Connected Properties - Surface Drainage</b>							
A1.28	Unmeasured household connected properties	Nr	I	2413895	A2	2432104	A2
A1.29	Measured household connected properties	Nr	I	471	A2	522	A2
A1.30	Unmeasured non-household connected properties	Nr	I	62075	B4	62472	B4
A1.31	Measured non-household connected properties	Nr	I	97503	B4	98502	B4
A1.32	Total number of connected properties	Nr	C	2573944	B4	2593600	B4
<b>Trade Effluent</b>							
A1.33	Billed Properties	Nr	I	1325	A2	1309	A3
A1.34	Connected Properties	Nr	I	3268	A2	3289	A3
A1.35	Trade effluent load receiving secondary treatment (BOD/yr)	tonnes	I	15567	B4	15542	B4
A1.36	Trade effluent load receiving secondary treatment (COD/yr)	tonnes	I	32614	B4	32572	B4

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**SECTION A: BASE INFORMATION**  
**Table A2: Population, volumes and loads (Water)**

Line Ref.	Description	Ofwat Reference JR 08	WICS Reference AR 07	Units	Field Type	Report Year 2017-18		Report Year +1 2018-19	
						CG	CG		
<b>Summary - Population - Water</b>									
A2.1	Winter	-	A1.71	000	I	5305.783	A2	5321.195	A3
A2.2	Summer	-	A1.72	000	I	5440.38	A2	5459.963	A3
<b>Household - Population - Water</b>									
A2.3	Population of unmeasured household properties	T7, L31	A1.73	000	I	5135.989	A2	5151.306	A3
A2.4	Population of measured household properties	T7, L32	A1.74	000	I	0.947	A2	0.926	A3
A2.5	Household population connected to the water service	-	A1.75	000	C	5136.94	A2	5152.23	A3
<b>Water Balance</b>									
A2.6	Net Distribution input treated water (water put into supply)	T10, L30	-	MI/d	I	1795.95	B2	1793.45	B3
A2.7	Unmeasured household volume of water delivered (including losses)	T10, L4	A2.1	MI/d	I	903.81	B2	906.31	B3
A2.8	Measured household volume of water delivered (including losses)	T10, L1	A2.5	MI/d	I	0.24	B2	0.24	B3
A2.9	Unmeasured non-household volume of water delivered (including losses)	T10, L5	sum(A2.22:A2.25)	MI/d	I	16.15	C5	16.15	C5
A2.10	Measured non-household volume of water delivered (including losses)	T10, L2	sum(A2.9:A2.16)	MI/d	I	384.97	B3	384.97	B3
A2.11	Water taken unbilled - legally	T10, L21	A2.34	MI/d	I	62.08	C4	62.08	C4
A2.12	Water taken unbilled - illegally	T10, L22	A2.35	MI/d	I	2.26	C4	2.26	C4
A2.13	Water taken unbilled - Distribution System Operational Use (DSOU)	T10, L20	A2.33	MI/d	I	6.86	C3	6.86	C4
A2.14	Net Consumption (including supply pipe losses)	-	-	MI/d	C	1376.38	B3	1378.88	B3
A2.15	Distribution losses (including trunk mains and reservoirs)	-	-	MI/d	C	419.58	B3	414.58	B3
A2.16	Customer supply pipe losses	-	-	MI/d	I	123.17	C3	123.17	C4
A2.17	Overall water balance	T10, L34	-	-	I		B3		B3
<b>Leakage</b>									
A2.18	Total Leakage (pre-MLE Adjustment)	-	-	MI/d	I	480.36	B3	475.36	B3
A2.19	Water Balance Closing Error	-	-	%	C	3.47	B3	3.48	B3
A2.20	MLE Adjustment	-	-	MI/d	I	11.62	B3	11.62	B3
A2.21	Total Leakage (post-MLE Adjustment)	-	-	MI/d	C	491.98	B3	486.98	B3
<b>Water delivered - non-potable</b>									
A2.22	Volume of non-potable water delivered	T10, L25	A2.17	MI/d	I	21.259	C4	21.259	C4
<b>Water delivered - components</b>									
A2.23	Per Household consumption (unmeas'd h'hold - excl s/pipe leakage) PHC	T10, L12	A2.4	l/household/day	I	319.68	B2	319.683	B3
A2.24	Per Household consumption (meas'd h'hold - excl s/pipe leakage) PHC	T10, L13	A2.8	l/household/day	I	529.78	B3	529.782	B3
A2.25	Meter under-registration (measured households) (included in water delivered)	T10, L18	A2.7	MI/d	I	0.010	C3	0.010	C4
A2.26	Meter under-registration (measured non-households) (included in water delivered)	T10, L19	A2.21	MI/d	I	17.149	C3	17.149	C4

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**SECTION A: BASE INFORMATION**

**Table A3: Population, volumes and loads (Waste water)**

Line Ref.	Description	Ofwat Reference JR 08	WICS Reference AR 07	Units	Field Type	Report Year 2017-18		Report Year +1 2018-19	
						CG		CG	
<b>Summary - Population - Waste water</b>									
A3.1	Winter	-	A3.81	000	I	5085.672	A2	5110.847	A3
A3.2	Summer	-	A3.82	000	I	5158.484	B2	5226.709	B3
A3.3	Household Population connected to the wastewater service	-	A3.83	000	I	4933.101	A2	4948.025	A3
<b>Sewage - Volumes</b>									
A3.4	Unmeasured household volume (including exempt)	T14, L1	A4.1	MI/d	I	700.05	B3	703.74	B3
A3.5	Measured household volume	-	-	MI/d	I	0.054	A2	0.059	B3
A3.6	Unmeasured non-household foul volume (including exempt)	L14, L2	sum(A4.2:A4.5)	MI/d	I	13.146	B3	13.751	B3
A3.7	Measured non-household foul volume	-	sum(A4.8:A4.15)	MI/d	I	151.232	B3	147.942	B3
A3.8	Trade effluent volume	L14, L5	A4.16	MI/d	I	64.285	B2	64.260	B4
A3.9	Total volume	L14, L3 + L4	A4.18	MI/d	C	928.766	B3	929.753	B3
A3.10	Volume septic tank waste	T14, L8	A4.19	MI	I	32.170	A3	35.455	B3
<b>Sewage - Load (BOD/yr)</b>									
A3.11	Unmeasured household load (including exempt)	-	-	tonnes	I	108029.656	B3	108544.777	B4
A3.12	Measured household load	-	-	tonnes	I	8.483	B4	9.041	B4
A3.13	Unmeasured non-household foul load (including exempt)	-	-	tonnes	I	1439.538	B4	1527.866	B4
A3.14	Measured non-household foul load	-	-	tonnes	I	16559.868	B3	17118.253	B4
A3.15	Trade effluent load	-	-	tonnes	I	16354.131	B2	16329.159	B4
A3.16	Total load discharged from primary services	-	-	tonnes	C	142391.675	B3	143529.096	B3
A3.17	Private septic tank load	-	-	tonnes	I	113.561	B3	119.072	B4
A3.18	Public septic tank load	-	-	tonnes	I	96.925	B3	112.907	B4
A3.19	Other tanker load	-	-	tonnes	I	346.382	B3	322.049	B4
A3.20	Total load entering sewerage system (BOD/yr)	-	A4.34	tonnes	C	142948.543	B3	144083.124	B3
A3.21	Average COD concentration	T15, L22	A4.35	mg/l	I	350.00	B2	350.00	B2
A3.22	Average suspended solids concentration	T15, L23	A4.36	mg/l	I	250.00	B2	250.00	B2
A3.23	Equivalent population served (resident)	-	A4.37	000	I	6627.726	B3	6635.854	B4
A3.24	Equivalent population served (resident)(numerical consents)	-	A4.38	000	I	6221.484	B3	6101.975	B4
A3.25	Total load receiving treatment through PPP treatment works	-	A4.39	tonnes	I	65841.318	B3	66205.966	B4
<b>Sewage Sludge Treatment and Disposal</b>									
A3.26	Total sewage sludge disposal	T15, L47	A4.52	ttds	I	120.040	B4	119.650	B4
A3.27	Total sewage sludge disposal by PPP treatment works	-	-	ttds	I	106.292	B4	106.000	B4
A3.28	Percentage unsatisfactory sludge disposal	T15, L48	A4.53	%	I	0.00	A1	0.00	A1

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