

ANNUAL RETURN INFORMATION REQUIREMENTS

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

Line Ref.	Description	Ofwat Reference JR 07	WICS Reference AR 06	Units	Field Type	10		20	
						Report Year 2014-15	CG	Report Year + 1 Forecast 2015-16	CG
Billed Properties - Water									
A1.1	Unmeasured household billed properties - potable water (including exempt)	T7, L11	A1.1 + A1.10a	Nr	I	2411359	A2	2426578	A3
A1.2	Measured household billed properties - potable water	T7, L12 + L13	A1.12	Nr	I	459	A2	445	A3
A1.3	Unmeasured non-household billed properties - potable water (including exempt)	T7, L16	A1.66	Nr	I	21166	B4	21733	B4
A1.4	Measured non-household billed properties - potable water	T7, L17	A1.22	Nr	I	110187	B4	112790	B4
A1.5	Total number of billed properties - potable water	T7, L14 + L18	-	Nr	C	2543171	B4	2561546	B4
Connected Properties - Water									
A1.6	Unmeasured household connected properties	-	A1.1 + A1.10a + A1.11	Nr	I	2463572	A2	2478792	A3
A1.7	Measured household connected properties	-	A1.12 + A1.13	Nr	I	459	A2	445	A3
A1.8	Unmeasured non-household connected properties	-	A1.66 + A1.67	Nr	I	28737	B4	29524	B4
A1.9	Measured non-household connected properties	-	A1.22	Nr	I	121412	B4	124837	B4
A1.10	Total number of connected properties	-	A1.69	Nr	C	2614180	B4	2633598	B4
A1.11	Number of properties connected during the report year	T7, L1	A1.70	Nr	I	15369	A2	17000	A3
Billed Properties - Foul Sewerage									
A1.12	Unmeasured household billed properties (including exempt)	T13, L1	A3.1 + A3.12b	Nr	I	2314916	A2	2329513	A3
A1.13	Measured household billed properties	T13, L2	A3.14	Nr	I	117	A2	106	A3
A1.14	Unmeasured non-household billed properties (including exempt)	T13, L4	A3.73	Nr	I	19302	B4	19869	B4
A1.15	Measured non-household billed properties	T13, L5	A3.26	Nr	I	87617	B4	90220	B4
A1.16	Total number of billed properties	T13, L3 + L7	-	Nr	C	2421952	B4	2439708	B4
Connected Properties - Foul Sewerage									
A1.17	Unmeasured household connected properties	-	A3.1 + A3.12b + A3.13	Nr	I	2365216	A2	2379813	A3
A1.18	Measured household connected properties	-	A3.26 + A3.30	Nr	I	117	A2	106	A3
A1.19	Unmeasured non-household connected properties	-	A3.73 + A3.76	Nr	I	26465	B4	27252	B4
A1.20	Measured non-household connected properties	-	A3.14 + A3.17	Nr	I	97510	B4	100935	B4
A1.21	Total number of connected properties	-	-	Nr	C	2489308	B4	2508106	B4
A1.22	Number of properties connected during the report year	-	-	Nr	I	14465	A2	15800	A3
Billed Properties - Surface Drainage									
A1.23	Unmeasured household billed properties (including exempt) not billed for property drainage	-	A3.12a	Nr	I	0	A2	0	A3
A1.24	Measured household billed properties not billed for property drainage	-	A3.16	Nr	I	21	A2	22	A3
A1.25	Unmeasured non-household billed properties not billed for property drainage	-	A3.75a	Nr	I	1293	B4	1293	B4
A1.26	Measured non-household billed properties not billed for property drainage	-	A3.29a	Nr	I	1918	B4	1918	B4
A1.27	Household properties billed for surface drainage only	-	A3.11 + A3.15	Nr	I	0	A2	0	A3
A1.28	Non-household properties billed for surface drainage only	-	A3.28 + A3.74	Nr	I	13468	B4	16943	B4
A1.29	Total number of billed properties	-	-	Nr	C	2499544	B4	2521816	B4
Connected Properties - Surface Drainage									
A1.30	Unmeasured household connected properties	-	-	Nr	I	2365216	A2	2379813	A3
A1.31	Measured household connected properties	-	-	Nr	I	432	A2	406	A3
A1.32	Unmeasured non-household connected properties	-	-	Nr	I	46408	B4	47195	B4
A1.33	Measured non-household connected properties	-	-	Nr	I	93631	B4	97056	B4
A1.34	Total number of connected properties	-	-	Nr	C	2505687	B4	2524470	B4
A1.35	Number of properties connected during the report year	-	-	Nr	I	14465	A2	15800	A3
Trade Effluent									
A1.36	Billed Properties	-	-	Nr	I	1328	A2	1314	A3
A1.37	Connected Properties	-	-	Nr	I	2978	A2	3042	A3
A1.38	Trade effluent load receiving secondary treatment (BOD/yr)	-	-	tonnes	I	15639	B4	15636	B4
A1.39	Trade effluent load receiving secondary treatment (COD/yr)	-	-	tonnes	I	35115	B4	42715	B4

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 Authorised by: Alan P. Scott Date: 12 June 2015

ANNUAL RETURN INFORMATION REQUIREMENTS

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	10		20		30	
						Report Year -2 2012-13	CG	Report Year -1 2013-14	CG	Report Year 2014-15	CG
Summary - Population - Water											
A2.1	Winter	-	A1.71	000	I	5097.931	A2	5116.705	A2	5191.802	A2
A2.2	Summer	-	A1.72	000	I	5228.30	B2	5260.00	B2	5334.86	B2
Household - Population - Water											
A2.3	Population of unmeasured household properties	T7, L31	A1.73	000	I	5000.659	A2	5019.130	A2	5087.733	A2
A2.4	Population of measured household properties	T7, L32	A1.74	000	I	1.040	A2	1.011	A2	0.994	A2
A2.5	Household population connected to the water service	-	A1.75	000	C	5001.70	A2	5020.14	A2	5088.73	A2
Water Balance											
A2.6	Water treated at own works to own customers	T10, L33	-	MI/d	I	1839.97	B2	1823.76	B2	1806.67	B2
A2.7	Distribution input treated water	T10, L30	-	MI/d	I	1839.97	B2	1823.76	B2	1806.67	B2
A2.8	Bulk supply imports	T10, L32	A2.41	MI/d	I	0.00	N	0.00	N	0.00	N
A2.9	Bulk supply exports	T10, L33	A2.42	MI/d	I	0.00	N	0.00	N	0.00	N
A2.10	Net Distribution input treated water (water put into supply)	-	-	MI/d	C	1839.97	B3	1823.76	B2	1806.67	B2
A2.11	Unmeasured household volume of water delivered (including losses)	T10, L4	A2.1	MI/d	I	810.20	B2	841.41	B2	875.80	B2
A2.12	Measured household volume of water delivered (including losses)	T10, L1	A2.5	MI/d	I	0.19	B2	0.23	B2	0.22	B2
A2.13	Unmeasured non-household volume of water delivered (including losses)	T10, L5	sum(A2.22:A2.25)	MI/d	I	20.83	C5	20.15	C5	17.56	C5
A2.14	Measured non-household volume of water delivered (including losses)	T10, L2	sum(A2.9:A2.16)	MI/d	I	398.94	B3	390.12	B3	385.47	B3
A2.15	Water taken unbilled - legally	T10, L21	A2.34	MI/d	I	54.41	C4	48.38	C4	55.58	C4
A2.16	Water taken unbilled - illegally	T10, L22	A2.35	MI/d	I	1.37	C4	1.49	C4	1.73	C4
A2.17	Water taken unbilled - Distribution System Operational Use (DSOU)	T10, L20	A2.33	MI/d	I	5.39	C3	3.96	C3	2.38	C3
A2.18	Net Consumption (including supply pipe losses)	-	-	MI/d	C	1291.33	B3	1305.74	B3	1338.73	B3
A2.19	Distribution losses (including trunk mains and reservoirs)	-	-	MI/d	C	548.65	B3	518.02	B3	467.94	B3
A2.20	Customer supply pipe losses	-	-	MI/d	I	68.51	C3	89.77	C3	122.40	C3
A2.21	Overall water balance	T10, L34	-	-	I		B3		B3		B3
Leakage											
A2.22	Total Leakage (pre-MLE Adjustment)	-	-	MI/d	I	561.33	B3	552.70	B3	530.80	B3
A2.23	Water Balance Closing Error	-	-	%	C	3.03	B3	3.02	B3	3.30	B3
A2.24	MLE Adjustment	-	-	MI/d	I	13.82	B3	13.14	B3	13.19	B3
A2.25	Total Leakage (post-MLE Adjustment)	-	-	MI/d	C	575.15	B3	565.84	B3	543.99	B3
Water delivered - non-potable											
A2.26	Volume of non-potable water delivered	T10, L25	A2.17	MI/d	I	10.834	C5	13.419	C5	15.158	C5
Water delivered - components											
A2.27	Per capita consumption (unmeas'd h'hold - excl s/pipe leakage)	T10, L12	A2.4	l/h/d	I	148.821	B2	149.991	B2	148.944	B2
A2.28	Per capita consumption (meas'd h'hold - excl s/pipe leakage)	T10, L13	A2.8	l/h/d	I	177.179	B3	220.442	B3	213.373	B3
A2.29	Meter under-registration (measured households) (included in water delivered)	T10, L18	A2.7	MI/d	I	0.007	C3	0.009	C3	0.009	C3
A2.30	Meter under-registration (measured non-households) (included in water delivered)	T10, L19	A2.21	MI/d	I	17.772	C3	17.379	C3	17.169	C3

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ANNUAL RETURN INFORMATION REQUIREMENTS

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	10		20		30	
						Report Year -2 2012-13	CG	Report Year -1 2013-14	CG	Report Year 2014-15	CG
Summary - Population - Waste water											
A3.1	Winter	-	A3.81	000	I	4897.674	A2	4914.528	A2	4985.693	A2
A3.2	Summer	-	A3.82	000	I	4989.335	B2	5004.236	B2	5086.087	B2
A3.3	Household Population connected to the wastewater service	-	A3.83	000	I	4804.725	A2	4821.315	A2	4886.071	A2
A3.4	Assumed percentage returned to sewer	-	A3.84	%	I	95%	A2	95%	A2	95%	A2
Sewage - Volumes											
A3.5	Unmeasured household volume (including exempt)	T14, L1	A4.1	MI/d	I	679.26	B3	686.96	B3	691.33	B3
A3.6	Measured household volume	-	-	MI/d	I	0.027	A2	0.024	A2	0.024	A2
A3.7	Unmeasured non-household foul volume (including exempt)	L14, L2	sum(A4.2:A4.5)	MI/d	I	21.473	B3	17.820	B3	14.358	B3
A3.8	Measured non-household foul volume	-	sum(A4.8:A4.15)	MI/d	I	139.720	B3	136.922	B3	141.033	B3
A3.9	Trade effluent volume	L14, L5	A4.16	MI/d	I	85.909	B2	80.596	B2	76.066	B4
A3.10	Total volume	L14, L3 + L4	A4.18	MI/d	C	926.385	B3	922.320	B3	922.809	B3
A3.11	Volume septic tank waste	T14, L8	A4.19	MI	I	31.094	A3	29.930	A3	48.270	A3
Sewage - Load (BOD/yr)											
A3.12	Unmeasured household load (including exempt)	-	-	tonnes	I	105217.583	B3	105581.047	B3	106999.414	B3
A3.13	Measured household load	-	-	tonnes	I	5.883	B4	5.755	B4	7.366	B4
A3.14	Unmeasured non-household foul load (including exempt)	-	-	tonnes	I	2351.308	B4	1951.262	B4	1572.203	B4
A3.15	Measured non-household foul load	-	-	tonnes	I	15299.374	B3	14992.915	B3	15443.098	B3
A3.16	Trade effluent load	-	-	tonnes	I	20448.677	B2	22581.282	B2	17865.723	B4
A3.17	Total load discharged from primary services	-	-	tonnes	C	143322.825	B3	145112.262	B3	141887.805	B3
A3.18	Private septic tank load	-	-	tonnes	I	108.228	B3	117.888	B3	137.903	B3
A3.19	Public septic tank load	-	-	tonnes	I	95.217	B3	77.945	B3	177.930	B3
A3.20	Other tanker load	-	-	tonnes	I	654.614	B3	712.321	B3	3118.697	B3
A3.21	Total load entering sewerage system (BOD/yr)	-	A4.34	tonnes	C	144180.884	B3	146020.414	B3	145322.335	B3
A3.22	Average COD concentration	T15, L22	A4.35	mg/l	I	350.00	B2	350.00	B2	350.00	B2
A3.23	Average suspended solids concentration	T15, L23	A4.36	mg/l	I	250.00	B2	250.00	B2	250.00	B2
A3.24	Equivalent population served (resident)	-	A4.37	000	I	6659.883	B3	6729.899	B3	6611.471	B3
A3.25	Equivalent population served (resident)(numerical consents)	-	A4.38	000	I	6610.135	B3	6692.716	B3	6460.500	B3
A3.26	Total load receiving treatment through PPP treatment works	-	A4.39	tonnes	I	66241.331	B3	65291.099	B3	65112.022	B3
Sewage Sludge Treatment and Disposal											
A3.27	Total sewage sludge disposal	T15, L47	A4.52	ttds	I	123.520	B4	125.147	B4	122.608	B4
A3.28	Total sewage sludge disposal by PPP treatment works	-	-	ttds	I	104.356	B4	105.287	B4	102.388	B4
A3.29	Percentage unsatisfactory sludge disposal	T15, L48	A4.53	%	I	0.00	A1	0.00	A1	0.00	A1

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