

**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 2006-07	CG	Report Year +1 Forecast 2007-08	CG
<b>Billed Properties - Water</b>									
A1.1	Unmeasured household billed properties - potable water (including exempt)	T7, L11	A1.1 + A1.10a	Nr	I	2287706	B2	2304940	B2
A1.2	Measured household billed properties - potable water	T7, L12 + L13	A1.12	Nr	I	595	A2	595	A2
A1.3	Unmeasured non-household billed properties - potable water (including exempt)	T7, L16	A1.66	Nr	I	49115	A2	49115	A2
A1.4	Measured non-household billed properties - potable water	T7, L17	A1.22	Nr	I	79271	A2	79771	A2
A1.5	Total number of billed properties - potable water	T7, L14 + L18	-	Nr	C	2416687	B2	2434421	B2
<b>Connected Properties - Water</b>									
A1.6	Unmeasured household connected properties	-	A1.1 + A1.10a + A1.11	Nr	I	2342414	B2	2359665	B2
A1.7	Measured household connected properties	-	A1.12 + A1.13	Nr	I	595	A2	595	A2
A1.8	Unmeasured non-household connected properties	-	A1.66 + A1.67	Nr	I	56780	A2	56780	A2
A1.9	Measured non-household connected properties	-	A1.22	Nr	I	83103	A2	83603	A2
A1.10	Total number of connected properties	-	A1.69	Nr	C	2482892	B2	2500643	B2
A1.11	Number of properties connected during the report year	T7, L1	A1.70	Nr	I	25525	B2	26025	B2
<b>Billed Properties - Foul Sewerage</b>									
A1.12	Unmeasured household billed properties (including exempt)	T13, L1	A3.1 + A3.12b	Nr	I	2209816	B2	2227049	B2
A1.13	Measured household billed properties	T13, L2	A3.14	Nr	I	222	A2	222	A2
A1.14	Unmeasured non-household billed properties (including exempt)	T13, L4	A3.73	Nr	I	45428	A2	45428	A2
A1.15	Measured non-household billed properties	T13, L5	A3.26	Nr	I	58445	A2	58945	A2
A1.16	Total number of billed properties	T13, L3 + L7	-	Nr	C	2313911	B2	2331644	B2
<b>Connected Properties - Foul Sewerage</b>									
A1.17	Unmeasured household connected properties	-	A3.1 + A3.12b + A3.13	Nr	I	2262924	B2	2280175	B2
A1.18	Measured household connected properties	-	A3.26 + A3.30	Nr	I	222	A2	222	A2
A1.19	Unmeasured non-household connected properties	-	A3.73 + A3.76	Nr	I	54838	A2	54838	A2
A1.20	Measured non-household connected properties	-	A3.14 + A3.17	Nr	I	61654	A2	62154	A2
A1.21	Total number of connected properties	-	-	Nr	C	2379638	B2	2397389	B2
A1.22	Number of properties connected during the report year	-	-	Nr	I	24315	B2	24815	B2
<b>Billed Properties - Surface Drainage</b>									
A1.23	Unmeasured household billed properties (including exempt) not billed for property drainage	-	A3.12a	Nr	I	0	A2	0	A2
A1.24	Measured household billed properties not billed for property drainage	-	A3.16	Nr	I	12	A2	12	A2
A1.25	Unmeasured non-household billed properties not billed for property drainage	-	A3.75a	Nr	I	21	A2	21	A2
A1.26	Measured non-household billed properties not billed for property drainage	-	A3.29a	Nr	I	391	A2	391	A2
A1.27	Household properties billed for surface drainage only	-	A3.11 + A3.15	Nr	I	0	A2	0	A2
A1.28	Non-household properties billed for surface drainage only	-	A3.28 + A3.74	Nr	I	10989	A2	10989	A2
A1.29	Total number of billed properties	-	-	Nr	C	2390203	A2	2407954	A2
<b>Connected Properties - Surface Drainage</b>									
A1.30	Unmeasured household connected properties	-	-	Nr	I	2262924	B2	2280175	B2
A1.31	Measured household connected properties	-	-	Nr	I	200	A2	200	A2
A1.32	Unmeasured non-household connected properties	-	-	Nr	I	63950	A2	63950	A2
A1.33	Measured household connected properties	-	-	Nr	I	59947	A2	60447	A2
A1.34	Total number of connected properties	-	-	Nr	C	2387021	B2	2404772	B2
A1.35	Number of properties connected during the report year	-	-	Nr	I	24315	B2	24815	B2
<b>Trade Effluent</b>									
A1.36	Billed Properties	-	-	Nr	I	1744	A2	1744	A2
A1.37	Connected Properties	-	-	Nr	I	3352	A2	3352	A2
A1.38	Trade effluent load receiving secondary treatment (BOD/yr)	-	-	tonnes	I	31221	A2	31221	A2
A1.39	Trade effluent load receiving secondary treatment (COD/yr)	-	-	tonnes	I	71428	A2	71428	A2

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 Checked by: ..... Date: 15/06/07  
 Authorised by: Geoff Aitkenhead Date: 15/06/07

ANNUAL RETURN INFORMATION REQUIREMENTS

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**Table A1: Connected and billed properties**

Line Ref.	Description	Ofwat Reference JR 07	WICS Reference AR 06	Units	Field Type
<b>Billed Properties - Water</b>					
A1.1	Unmeasured household billed properties - potable water (including exempt)	T7, L11	A1.1 + A1.10a	Nr	I
A1.2	Measured household billed properties - potable water	T7, L12 + L13	A1.12	Nr	I
A1.3	Unmeasured non-household billed properties - potable water (including exempt)	T7, L16	A1.66	Nr	I
A1.4	Measured non-household billed properties - potable water	T7, L17	A1.22	Nr	I
A1.5	Total number of billed properties - potable water	T7, L14 + L18	-	Nr	C
<b>Connected Properties - Water</b>					
A1.6	Unmeasured household connected properties	-	A1.1 + A1.10a + A1.11	Nr	I
A1.7	Measured household connected properties	-	A1.12 + A1.13	Nr	I
A1.8	Unmeasured non-household connected properties	-	A1.66 + A1.67	Nr	I
A1.9	Measured non-household connected properties	-	A1.22	Nr	I
A1.10	Total number of connected properties	-	A1.69	Nr	C
A1.11	Number of properties connected during the report year	T7, L1	A1.70	Nr	I
<b>Billed Properties - Foul Sewerage</b>					
A1.12	Unmeasured household billed properties (including exempt)	T13, L1	A3.1 + A3.12b	Nr	I
A1.13	Measured household billed properties	T13, L2	A3.14	Nr	I
A1.14	Unmeasured non-household billed properties (including exempt)	T13, L4	A3.73	Nr	I
A1.15	Measured non-household billed properties	T13, L5	A3.26	Nr	I
A1.16	Total number of billed properties	T13, L3 + L7	-	Nr	C
<b>Connected Properties - Foul Sewerage</b>					
A1.17	Unmeasured household connected properties	-	A3.1 + A3.12b + A3.13	Nr	I
A1.18	Measured household connected properties	-	A3.26 + A3.30	Nr	I
A1.19	Unmeasured non-household connected properties	-	A3.73 + A3.76	Nr	I
A1.20	Measured non-household connected properties	-	A3.14 + A3.17	Nr	I
A1.21	Total number of connected properties	-	-	Nr	C
A1.22	Number of properties connected during the report year	-	-	Nr	I
<b>Billed Properties - Surface Drainage</b>					
A1.23	Unmeasured household billed properties (including exempt) not billed for property drainage	-	A3.12a	Nr	I
A1.24	Measured household billed properties not billed for property drainage	-	A3.16	Nr	I
A1.25	Unmeasured non-household billed properties not billed for property drainage	-	A3.75a	Nr	I
A1.26	Measured non-household billed properties not billed for property drainage	-	A3.29a	Nr	I
A1.27	Household properties billed for surface drainage only	-	A3.11 + A3.15	Nr	I
A1.28	Non-household properties billed for surface drainage only	-	A3.28 + A3.74	Nr	I
A1.29	Total number of billed properties	-	-	Nr	C
<b>Connected Properties - Surface Drainage</b>					
A1.30	Unmeasured household connected properties	-	-	Nr	I
A1.31	Measured household connected properties	-	-	Nr	I
A1.32	Unmeasured non-household connected properties	-	-	Nr	I
A1.33	Measured non-household connected properties	-	-	Nr	I
A1.34	Total number of connected properties	-	-	Nr	C
A1.35	Number of properties connected during the report year	-	-	Nr	I
<b>Trade Effluent</b>					
A1.36	Billed Properties	-	-	Nr	I
A1.37	Connected Properties	-	-	Nr	I
A1.38	Trade effluent load receiving secondary treatment (BOD/yr)	-	-	tonnes	I
A1.39	Trade effluent load receiving secondary treatment (COD/yr)	-	-	tonnes	I

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Report Year 2006-07

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Report Year +1 Budget 2007-08

Comment Necessary?
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Comment Necessary?
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ANNUAL RETURN INFORMATION REQUIREMENTS

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

Line Ref.	Description	Ofwat Reference JR 07	WICS Reference AR 06	Units	Field Type	10		20	
						Report Year 2006-07	CG	Report Year +1 Forecast 2007-08	CG
<b>Summary - Population - Water</b>									
A2.1	Winter	-	A1.71	000	I	4954.73	B2	4961.50	B2
A2.2	Summer	-	A1.72	000	I	5212.07	B2	5218.84	B2
<b>Household - Population - Water</b>									
A2.3	Population of unmeasured household properties	T7, L31	A1.73	000	I	4867.58	B2	4873.31	B2
A2.4	Population of measured household properties	T7, L32	A1.74	000	I	1.30	B2	1.30	B2
A2.5	Household population connected to the water service	-	A1.75	000	C	4868.88	B2	4874.60	B2
<b>Summary - Population - Waste water</b>									
A2.6	Winter	-	A3.81	000	I	4954.733	B2	4961.500	B2
A2.7	Summer	-	A3.82	000	I	5212.073	B2	5218.840	B2
A2.8	Household Population connected to the wastewater service	-	A3.83	000	I	4707.803	B2	4714.491	B2
A2.9	Assumed percentage returned to sewer	-	A3.84	%	I	95.00%	A2	95.00%	A2
<b>Water Balance</b>									
A2.10	Water treated at own works to own customers	T10, L33	-	Ml/d	I	2295.935	C4	2148.673	C4
A2.11	Distribution input treated water	T10, L30	-	Ml/d	I	2295.935	C4	2148.727	C4
A2.12	Unmeasured household volume of water delivered	T10, L4	A2.1	Ml/d	I	892.362	C4	894.483	C4
A2.13	Measured household volume of water delivered	T10, L1	A2.5	Ml/d	I	0.330	A2	0.330	A2
A2.14	Unmeasured non-household volume of water delivered	T10, L5	sum(A2.22-A2.25)	Ml/d	I	64.314	C4	64.314	C4
A2.15	Measured non-household volume of water delivered	T10, L2	sum(A2.9-A2.16)	Ml/d	I	439.953	A2	440.463	A2
A2.16	Total volume (potable water)	T10, L3 + L6	-	Ml/d	C	1396.968	B3	1399.591	B3
A2.17	Water taken unbilled	T10, L23	-	Ml/d	I	43.657	D4	43.657	D4
A2.18	Leakage - distribution losses (incl trunk mains and service reservoirs)	T10, L29	-	Ml/d	I	855.312	D4	705.479	D4
A2.19	Overall water balance (sum of line A2.16 to A2.18 = A2.11)	T10, L34	-		I		C4		C4
<b>Water delivered - non-potable</b>									
A2.20	Volume of non-potable water delivered	T10, L25	A2.17	Ml/d	I	12.943	C5	12.943	C5
<b>Water delivered - components</b>									
A2.21	Bulk supply imports	T10, L32	A2.41	Ml/d	I	0.000	N	0.000	N
A2.22	Bulk supply exports	T10, L33	A2.42	Ml/d	I	0.000	N	0.000	N
A2.23	Estimated water delivered per unmeasured non-household	T10, L11	-	l/prop/d	C	1309.46	A2	1309.46	A2
A2.24	Estimated water delivered per measured non-household	-	-	l/prop/d	C	5550.07	A2	5521.60	A2
A2.25	Per capita consumption (unmeas'd h'hold - excl s/pipe leakage)	T10, L12	A2.4	l/h/d	C	154.62	C4	154.66	C4
A2.26	Per capita consumption (meas'd h'hold - excl s/pipe leakage)	T10, L13	A2.8	l/h/d	C	243.85	C2	243.85	C2
A2.27	Water taken unbilled - legally	T10, L21	A2.34	Ml/d	I	34.494	D4	34.494	D4
A2.28	Water taken unbilled - illegally	T10, L22	A2.35	Ml/d	I	5.396	D4	5.396	D4
A2.29	Water taken unbilled - Distribution system operational use	T10, L20	A2.33	Ml/d	I	3.768	D4	3.768	D4
A2.30	Total leakage - total losses	T10, L29	A2.37	Ml/d	C	1003.820	C4	855.054	C4
A2.31	Leakage - supply pipe losses	-	-	Ml/d	I	148.509	C4	149.575	C4
A2.32	Underground supply pipe leakage (unmeasured households, including exempt)	T10, L14	-	l/prop/d	I	61.08	C4	61.08	C4
A2.33	Underground supply pipe leakage (metered households)	T10, L15 + L16	-	l/prop/d	I	22.82	C4	22.82	C4
A2.34	Underground supply pipe leakage (unmeasured non-households, including exempt)	-	-	l/prop/d	I	52.79	C4	52.79	C4
A2.35	Underground supply pipe leakage (metered non-households)	-	-	l/prop/d	I	26.00	C4	26.00	C4
A2.36	Underground supply pipe leakage (void properties)	T10, L17	-	l/prop/d	I	62.16	C4	62.16	C4
A2.37	Meter under-registration (measured households) (included in water delivered)	T10, L18	A2.7	Ml/d	I	0.010	C3	0.010	C3
A2.38	Meter under-registration (measured non-households) (included in water delivered)	T10, L19	A2.21	Ml/d	I	20.144	C3	20.167	C3
<b>Sewage - Volumes</b>									
A2.39	Unmeasured household volume (including exempt)	T14, L1	A4.1	Ml/d	I	660.51	C4	661.45	C4
A2.40	Measured household volume	-	-	Ml/d	I	0.057	A2	0.057	A2
A2.41	Unmeasured non-household foul volume (including exempt)	L14, L2	sum(A4.2-A4.5)	Ml/d	I	45.249	B3	43.257	B3
A2.42	Measured non-household foul volume	-	-	Ml/d	I	132.883	A2	133.050	A2
A2.43	Trade effluent volume	L14, L5	A4.16	Ml/d	I	117.026	A3	117.026	A3
A2.44	Total volume	L14, L3 + L4	A4.18	Ml/d	C	955.722	C4	954.836	C4
A2.45	Volume septic tank waste	T14, L8	A4.19	MI	I	29.660	B3	29.702	B3
<b>Sewage - Load (BOD/yr)</b>									
A2.46	Unmeasured household load (including exempt)	-	-	tonnes	I	103090.264	B3	103236.748	B3
A2.47	Measured household load	-	-	tonnes	I	10.622	B4	10.622	B4
A2.48	Unmeasured non-household foul load (including exempt)	-	-	tonnes	I	4954.772	B4	4959.935	B4
A2.49	Measured non-household foul load	-	-	tonnes	I	14550.738	B3	14550.738	B3
A2.50	Trade effluent load	-	-	tonnes	I	32930.855	B3	32930.855	B3
A2.51	Total load discharged from primary services	-	-	tonnes	C	155537.251	B4	155688.898	B4
A2.52	Private septic tank load	-	-	tonnes	I	111.101	B3	111.101	B3
A2.53	Public septic tank load	-	-	tonnes	I	81.001	B3	81.001	B3
A2.54	Other tanker load	-	-	tonnes	I	80.619	B3	80.619	B3
A2.55	Total load entering sewerage system (BOD/yr)	-	A4.34	tonnes	C	155809.972	B4	155961.619	B4
A2.56	Average COD concentration	T15, L22	A4.35	mg/l	I	350.00	B2	350.00	B2
A2.57	Average suspended solids concentration	T15, L23	A4.36	mg/l	I	250.00	B2	250.00	B2
A2.58	Equivalent population served (resident)	-	A4.37	000	I	7195.537	B3	7204.000	B3
A2.59	Equivalent population served (resident)(numerical consents)	-	A4.38	000	I	6981.723	B3	6989.935	B3
A2.60	Total load receiving treatment through PPP treatment works	-	A4.39	tonnes	I	71938.007	B3	72022.617	B3
<b>Sewage Sludge Disposal</b>									
A2.61	Total sewage sludge disposal	T15, L47	A4.52	tds	I	123.559	B3	123.706	B3
A2.62	Percentage unsatisfactory sludge disposal	T15, L48	A4.53	%	I	0.00	A1	0.00	A1

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Main data table with columns: Line Ref., Description, Ofwat Reference, WICS Reference, Units, Field Type. Sections include Summary - Population - Water, Household - Population - Water, Summary - Population - Waste water, Water Balance, Water delivered - non-potable, Water delivered - components, Sewage - Volumes, Sewage - Load (BOD/yr), and Sewage Sludge Disposal.

Comparison table with columns: 10 Report Year 2006-07, 20 Report Year +1 Budget 2007-08, and Comment Necessary?. Contains 'Y' or 'N' status indicators for various rows.

Prepared by: ..... Date: 21/09/07
Checked by: ..... Date: 21/09/07
Authorised by: Geoff Aitkenhead Date: 21/09/07

**CONFIDENCE GRADES LOOK UP TABLE**

General		Benchmarking A1		Benchmarking A2		Benchmarking B2	
A1	G	A1	G	A1	G	A1	G
A2	G	A2	N	A2	G	A2	G
A3	G	A3	N	A3	N	A3	G
A4	N	A4	N	A4	N	A4	N
AX	G	AX	G	AX	G	AX	G
B2	G	B2	N	B2	N	B2	G
B3	G	B3	N	B3	N	B3	N
B4	N	B4	N	B4	N	B4	N
BX	G	BX	N	BX	N	BX	G
C2	N	C2	N	C2	N	C2	N
C3	N	C3	N	C3	N	C3	N
C4	N	C4	N	C4	N	C4	N
C5	N	C5	N	C5	N	C5	N
CX	N	CX	N	CX	N	CX	N
M	N	M	N	M	N	M	N
N	N	N	N	N	N	N	N
D3	N	D3	N	D3	N	D3	N
D4	N	D4	N	D4	N	D4	N
D5	N	D5	N	D5	N	D5	N
D6	N	D6	N	D6	N	D6	N
DX	N	DX	N	DX	N	DX	N