

ANNUAL RETURN INFORMATION REQUIREMENTS

**SECTION A : BASE INFORMATION**  
**Table A1: Properties and Population - Water**

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Report Year -1		10		20		30		40	
					2003-04		Report Year		Report Year +1 Budget		Report Year +1 Forecast		Report Year +2 Budget	
						CG	2004-05	CG	2005-06	CG	2005-06	CG	2006-07	CG
<b>Unmeasured Domestic - Properties</b>														
A1.1	Total number of billed properties	T7, L4	Nr	C	0		2189396	A2	2201359	A2	2201359	A2	2214406	A2
A1.2	Number of Band "A" properties		Nr	I			524484	A2	521370	A2	521370	A2	517379	A2
A1.3	Number of Band "B" properties		Nr	I			544990	A2	545166	A2	545166	A2	545082	A2
A1.4	Number of Band "C" properties		Nr	I			342785	A2	345182	A2	345182	A2	348070	A2
A1.5	Number of Band "D" properties		Nr	I			265770	A2	268727	A2	268727	A2	272223	A2
A1.6	Number of Band "E" properties		Nr	I			271106	A2	275118	A2	275118	A2	279659	A2
A1.7	Number of Band "F" properties		Nr	I			140443	A2	143846	A2	143846	A2	147703	A2
A1.8	Number of Band "G" properties		Nr	I			90762	A2	92702	A2	92702	A2	94840	A2
A1.9	Number of Band "H" properties		Nr	I			9056	A2	9248	A2	9248	A2	9450	A2
A1.10	Number of Band "D" equivalent properties		Nr	I			1839191	A2	1851306	A2	1851306	A2	1849802	A2
A1.10a	Number of exempt properties		Nr	I			58848	A4	60463	A4	60463	A4	61913	A4
A1.11	Number of void properties		Nr	I			55550	A4	56080	A4	56080	A4	56706	A4
<b>Measured Domestic - Properties</b>														
A1.12	Total number of billed properties	T7, L5 + L6	Nr	I			460	A2	438	A2	438	A2	438	A2
A1.13	Number of void properties		Nr	I			0	BX	0	BX	0	BX	0	BX
<b>Measured Non-Domestic - Properties</b>														
A1.14	Number of billed properties with use > 250Ml/yr at standard tariff		Nr	I			6	A2	6	A3	6	A3	6	A3
A1.15	Number of billed properties with use 100 to 250 Ml/yr at standard tariff		Nr	I			15	A2	14	A3	14	A3	14	A3
A1.15a	Number of billed properties with use >250Ml/yr at LUVVA tariff		Nr	I			25	A2	23	A3	23	A3	23	A3
A1.15b	Number of billed properties with use 100 to 250Ml/yr at LUVVA tariff		Nr	I			46	A2	43	A3	43	A3	43	A3
A1.16	Number of billed properties with use <100 Ml/yr at standard tariff		Nr	I			80470	A2	76118	A3	76118	A3	78118	A3
A1.17	Number of billed properties with use > 250Ml/yr at non-standard tariff		Nr	I			15	A2	14	A3	14	A3	14	A3
A1.18	Number of billed properties with use 100 to 250 Ml/yr at non-standard tariff		Nr	I			8	A2	7	A3	7	A3	7	A3
A1.19	Number of billed properties with use <100 Ml/yr at non-standard tariff		Nr	I			93	A2	86	A3	86	A3	86	A3
A1.20	Number of billed properties with relief of charges		Nr	I			126	A2	0	AX	0	AX	0	AX
A1.21	Number of billed properties with no charges		Nr	I			1752	A2	1752	A3	1752	A3	1752	A3
A1.22	Total number of billed properties	T7, L11	Nr	C	0		82556	A2	78063	A3	78063	A3	80063	A3
A1.23	Number of void properties		Nr	I			6920	B2	18367	B3	18367	B3	18367	B3
<b>Measured Non-Domestic - Meter Sizes: Actual Installed Meters</b>														
A1.24	Not in Use													
A1.25	Not in Use													
A1.26	Not in Use													
A1.27	Not in Use													
A1.27a	Electro-mechanical meters		Nr	I			62	A2	0	M	0	M	0	M
A1.28	15mm or smaller		Nr	I			42009	A2	0	M	0	M	0	M
A1.29	20mm		Nr	I			15214	A2	0	M	0	M	0	M
A1.30	25mm		Nr	I			22446	A2	0	M	0	M	0	M
A1.31	40mm		Nr	I			1528	A2	0	M	0	M	0	M
A1.32	50mm		Nr	I			1058	A2	0	M	0	M	0	M
A1.33	80mm		Nr	I			1191	A2	0	M	0	M	0	M
A1.34	100mm		Nr	I			426	A2	0	M	0	M	0	M
A1.35	150mm		Nr	I			87	A2	0	M	0	M	0	M
A1.36	200mm		Nr	I			4	A2	0	M	0	M	0	M
A1.37	250mm		Nr	I			0	AX	0	M	0	M	0	M
A1.38	300mm		Nr	I			3	A2	0	M	0	M	0	M
A1.39	400mm		Nr	I			0	AX	0	M	0	M	0	M
A1.40	450mm		Nr	I			0	AX	0	M	0	M	0	M
A1.41	600mm		Nr	I			0	AX	0	M	0	M	0	M
A1.42	Total		Nr	C	0		84028	A2	0	M	0	M	0	M
<b>Measured Non-Domestic - Meter Sizes: "Tariff" Meters</b>														
A1.43	Not in use													
A1.44	Not in use													
A1.45	Not in use													
A1.46	Not in use													
A1.46a	Electro-mechanical meters		Nr	I			52	A2	52	A3	52	A3	52	A3
A1.47	15mm or smaller		Nr	I			40996	A2	41290	A3	41290	A3	42687	A3
A1.48	20mm		Nr	I			27834	A2	28030	A3	28030	A3	28978	A3
A1.49	25mm		Nr	I			11445	A2	6285	A3	6285	A3	5965	A3
A1.50	40mm		Nr	I			1387	A2	736	A3	736	A3	726	A3
A1.51	50mm		Nr	I			1160	A2	648	A3	648	A3	643	A3
A1.52	80mm		Nr	I			566	A2	236	A3	236	A3	232	A3
A1.53	100mm		Nr	I			213	A2	92	A3	92	A3	89	A3
A1.54	150mm		Nr	I			75	A2	32	A3	32	A3	29	A3
A1.55	200mm		Nr	I			6	A2	2	A3	2	A3	2	A3
A1.56	250mm		Nr	I			0	AX	0	AX	0	AX	0	AX
A1.57	300mm		Nr	I			5	A2	1	AX	1	AX	1	AX
A1.58	400mm		Nr	I			0	AX	0	AX	0	AX	0	AX
A1.59	450mm		Nr	I			0	AX	0	AX	0	AX	0	AX
A1.60	600mm		Nr	I			0	AX	0	AX	0	AX	0	AX
A1.61	Total		Nr	C	0		83739	A2	77404	A3	77404	A3	79404	A3
<b>Unmeasured Non-Domestic - Properties</b>														
A1.62	Number of billed properties with a r.v. > £250k		Nr	I			66	A2	59	A3	59	A3	57	A3
A1.63	Number of billed properties with a r.v. <= £250k		Nr	I			53788	A2	48151	A3	48151	A3	46154	A3
A1.63a	Number of billed properties in receipt of charitable relief		Nr	I			4597	A2	0	AX	0	AX	0	AX
A1.64	Number of billed properties with other relief of charges		Nr	I			0	N	0	N	0	N	0	N
A1.65	Number of billed properties with no charges		Nr	I			966	A2	966	A3	966	A3	966	A3
A1.66	Total number of billed properties	T7, L10	Nr	C	0		59417	A2	49176	A3	49176	A3	47177	A3
A1.67	Number of void properties		Nr	I			21220	B2	29461	B3	29461	B3	29461	B3
<b>Summary - Properties</b>														
A1.68	Total connected billed properties	T7, L7 + L12	Nr	C	0		2331829	A2	2329036	A2	2329036	A2	2342084	A2
A1.69	Total connected properties	T7, L8 + L13	Nr	C	0		2474367	A2	2493407	A2	2493407	A2	2508531	A2
A1.70	Number of properties connected during the report year	T7, L1	Nr	I			16500	B3	16500	B3	16500	B3	16500	B3
<b>Summary - Population</b>														
A1.71	Winter	T7, L31	000	I			4912.68	B2	4916.76	B2	4916.76	B2	4915.44	B2
A1.72	Summer	T7, L32	000	I			5162.95	B2	5167.03	B2	5167.03	B2	5165.71	B2
<b>Domestic - Population</b>														
A1.73	Population of unmeasured domestic properties	T7, L21	000	I			4809.24	B2	4811.86	B2	4811.86	B2	4809.30	B2
A1.74	Population of measured domestic properties	T7, L22	000	I			1.01	B2	0.96	B2	0.96	B2	0.95	B2
A1.75	Domestic population connected to the water service		000	C	0		4810.25	B2	4812.82	B2	4812.82	B2	4810.25	B2
<b>Ratable Value Base</b>														
A1.76	RV for billed unmeasured properties at standard tariff		£m	I			419.649	A2	425.3	A3	425.3	A3	405.771	A3
A1.76a	RV for billed unmeasured properties in receipt of charitable relief		£m	I			47.127	A2	0.000	AX	0.000	AX	0.000	AX
A1.77	RV for billed unmeasured properties with other relief of charges		£m	I			0.000	N	0.000	N	0.000	N	0.000	N
A1.78	RV for billed unmeasured properties with no charges		£m	I			4.296	A2	0.000	AX	0.000	AX	0.000	AX
A1.79	Total RV for unmeasured billed properties		£m	C	0.000		471.072	A2	425.300	A3	425.300	A3	405.771	A3

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SECTION A : BASE INFORMATION  
Table A1: Properties and Population - Water

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	10		20		30		40	
					Report Year 2004-05	Report Year +1 Budget 2005-06	Report Year +1 Forecast 2005-06	Report Year +2 Budget 2006-07				
					Comment Necessary Y/N	Comment	Comment Necessary Y/N	Comment	Comment Necessary Y/N	Comment	Comment Necessary Y/N	Comment
<b>Unmeasured Domestic - Properties</b>												
A1.1	Total number of billed properties	T7, L4	Nr	C	N		N		N		N	
A1.2	Number of Band 'A' properties		Nr	I	N		N		N		N	
A1.3	Number of Band 'B' properties		Nr	I	N		N		N		N	
A1.4	Number of Band 'C' properties		Nr	I	N		N		N		N	
A1.5	Number of Band 'D' properties		Nr	I	N		N		N		N	
A1.6	Number of Band 'E' properties		Nr	I	N		N		N		N	
A1.7	Number of Band 'F' properties		Nr	I	N		N		N		N	
A1.8	Number of Band 'G' properties		Nr	I	N		N		N		N	
A1.9	Number of Band 'H' properties		Nr	I	N		N		N		N	
A1.10	Number of Band 'D' equivalent properties		Nr	I	N		N		N		N	
A1.10a	Number of exempt properties		Nr	I	N		N		N		N	
A1.11	Number of void properties		Nr	I	N		N		N		N	
						We do not expect household figures to be in e						
<b>Measured Domestic - Properties</b>												
A1.12	Total number of billed properties	T7, L5 + L6	000	I	N		N		N		N	
A1.13	Number of void properties		000	I	N		N		N		N	
						Reported from HIAffinity therefore same CG as N						
<b>Measured Non-Domestic - Properties</b>												
A1.14	Number of billed properties with use > 250Mlyr at standard tariff		Nr	I	N		N		N		N	
A1.15	Number of billed properties with use 100 to 250 Mlyr at standard tariff		Nr	I	N		N		N		N	
A1.15a	Number of billed properties with use >250Mlyr at LUVIA tariff		Nr	I	N		N		N		N	
A1.16	Number of billed properties with use 100 to 250Mlyr at LUVIA tariff		Nr	I	N		N		N		N	
A1.16	Number of billed properties with use <100 Mlyr at standard tariff		Nr	I	N		N		N		N	
A1.17	Number of billed properties with use > 250Mlyr at non-standard tariff		Nr	I	N		N		N		N	
A1.18	Number of billed properties with use 100 to 250 Mlyr at non-standard tariff		Nr	I	N		N		N		N	
A1.19	Number of billed properties with use <100 Mlyr at non-standard tariff		Nr	I	N		N		N		N	
A1.20	Number of billed properties with relief of charges		Nr	I	N		N		N		N	
A1.21	Number of billed properties with no charges		Nr	I	N		N		N		N	
A1.22	Total number of billed properties	T7, L11	Nr	C	N		N		N		N	
A1.23	Number of void properties		Nr	I	N		N		N		N	
						Reported from HIAffinity therefore same CG as N		Reported from HIAffinity therefore same CG as N		Reported from HIAffinity therefore same CG as N		Reported from HIAffinity therefore same CG as other measured customers
<b>Measured Non-Domestic - Meter Sizes: Actual Installed Meters</b>												
A1.24	Not in Use											
A1.25	Not in Use											
A1.26	Not in Use											
A1.27	Not in Use											
A1.27a	Electro-mechanical meters		Nr	I	N		N		N		N	
A1.28	15mm or smaller		Nr	I	N		N		N		N	
A1.29	20mm		Nr	I	N		N		N		N	
A1.30	25mm		Nr	I	N		N		N		N	
A1.31	40mm		Nr	I	N		N		N		N	
A1.32	50mm		Nr	I	N		N		N		N	
A1.33	80mm		Nr	I	N		N		N		N	
A1.34	100mm		Nr	I	N		N		N		N	
A1.35	150mm		Nr	I	N		N		N		N	
A1.36	200mm		Nr	I	N		N		N		N	
A1.37	250mm		Nr	I	N		N		N		N	
A1.38	300mm		Nr	I	N		N		N		N	
A1.39	400mm		Nr	I	N		N		N		N	
A1.40	450mm		Nr	I	N		N		N		N	
A1.41	800mm		Nr	I	N		N		N		N	
A1.42	Total		Nr	C	N		N		N		N	
<b>Measured Non-Domestic - Meter Sizes: "Tariff" Meters</b>												
A1.43	Not in use											
A1.44	Not in use											
A1.45	Not in use											
A1.46	Not in use											
A1.46a	Electro-mechanical meters		Nr	I	N		N		N		N	
A1.47	15mm or smaller		Nr	I	N		N		N		N	
A1.48	20mm		Nr	I	N		N		N		N	
A1.49	25mm		Nr	I	N		N		N		N	
A1.50	40mm		Nr	I	N		N		N		N	
A1.51	50mm		Nr	I	N		N		N		N	
A1.52	80mm		Nr	I	N		N		N		N	
A1.53	100mm		Nr	I	N		N		N		N	
A1.54	150mm		Nr	I	N		N		N		N	
A1.55	200mm		Nr	I	N		N		N		N	
A1.56	250mm		Nr	I	N		N		N		N	
A1.57	300mm		Nr	I	N		N		N		N	
A1.58	400mm		Nr	I	N		N		N		N	
A1.59	450mm		Nr	I	N		N		N		N	
A1.60	800mm		Nr	I	N		N		N		N	
A1.61	Total		Nr	C	N		N		N		N	
<b>Unmeasured Non-Domestic - Properties</b>												
A1.62	Number of billed properties with a r.v. > £250k		Nr	I	N		N		N		N	
A1.63	Number of billed properties with a r.v. <= £250k		Nr	I	N		N		N		N	
A1.63a	Number of billed properties in receipt of charitable relief		Nr	I	N		N		N		N	
A1.64	Number of billed properties with other relief of charges		Nr	I	N		N		N		N	
A1.65	Number of billed properties with no charges		Nr	I	N		N		N		N	
A1.66	Total number of billed properties	T7, L10	Nr	C	N		N		N		N	
A1.67	Number of void properties		Nr	I	N		N		N		N	
						Reported from HIAffinity therefore same CG as N		Reported from HIAffinity therefore same CG as N		Reported from HIAffinity therefore same CG as N		Reported from HIAffinity therefore same CG as other unmeasured customers
<b>Summary - Properties</b>												
A1.68	Total connected billed properties	T7, L7 + L12	Nr	C	N		N		N		N	
A1.69	Total connected properties	T7, L8 + L13	Nr	C	N		N		N		N	
A1.70	Number of properties connected during the report year	T7, L1	Nr	I	N		N		N		N	
<b>Summary - Population</b>												
A1.71	Winter	T7, L31	000	I	N		N		N		N	
A1.72	Summer	T7, L32	000	I	N		N		N		N	
						This number is still derived from GRO data.		This number is still derived from GRO data.		This number is still derived from GRO data.		This number is still derived from GRO data.
<b>Domestic - Population</b>												
A1.73	Population of unmeasured domestic properties	T7, L21	000	I	N		N		N		N	
A1.74	Population of measured domestic properties	T7, L22	000	I	N		N		N		N	
A1.75	Domestic population connected to the water service		000	C	N		N		N		N	
<b>Ratable Value Base</b>												
A1.76	RV for billed unmeasured properties at standard tariff		£m	I	N		N		N		N	
A1.76a	RV for billed unmeasured properties in receipt of charitable relief		£m	I	N		N		N		N	
A1.77	RV for billed unmeasured properties with other relief of charges		£m	I	N		N		N		N	
A1.78	RV for billed unmeasured properties with no charges		£m	I	N		N		N		N	
A1.79	Total RV for unmeasured billed properties		£m	C	N		N		N		N	
						Please refer to table A commentary on other r/v.		Please refer to table A commentary on other r/v.		Please refer to table A commentary on other r/v.		Please refer to table A commentary on other relief of charges

**CONFIDENCE GRADES LOOK UP TABLE**

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

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 Authorised by: Cheryl Black Date: 10/06/05

ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION A : BASE INFORMATION

Table A2: Water Volumes

Line Ref.	Description	Ofwat Reference	Units	Field Type	Report Year -1		10		20		30		40		
					2003-04	CG	Report Year	CG	Report Year +1 Budget	CG	Report Year +1 Forecast	CG	Report Year +2 Budget	CG	
<b>Unmeasured Domestic</b>															
A2.1	Water delivered	T10.L4	Ml/d	I				851.34	B3	852.82	B3	852.82	B3	853.67	B3
A2.2	Underground supply pipe leakage - billed	T10, L14	l/pr/d	I				66.28	C4	66.28	C4	66.28	C4	66.28	C4
A2.3	Underground supply pipe leakage - voids & exempt	T10, L17	l/pr/d	I				67.92	C4	67.92	C4	69.66	C4	69.66	C4
A2.4	Per capita consumption (unmeas'd domestic-excl.s/pipe leak.)	T10, L12	l/h/d	C	#DIV/0!			145.233	C4	145.267	C4	145.224	C4	145.267	C4
<b>Measured Domestic</b>															
A2.5	Water delivered	T10.L1	Ml/d	I				0.21	A2	0.20	A2	0.20	A2	0.20	A2
A2.6	Underground supply pipe leakage - voids	T10, L17	l/pr/d	I				33.80	C4	33.80	C4	33.80	C4	33.80	C4
A2.7	Meter under-registration	T10, L18	Ml/d	I				0.01	C3	0.01	C3	0.01	C3	0.01	C3
A2.8	Per capita consumption (meas'd domestic-excl.s/pipe leak.)	T10, L13	l/h/d	C	#DIV/0!			202.106	A2	200.647	A2	200.647	A2	201.822	A2
<b>Measured Non-Domestic</b>															
A2.9	Water delivered (potable) to users charged at standard tariff rates for volume > 250 Ml/yr	T10.L2	Ml/d	I				3.18	A2	5.85	A3	5.85	A3	5.85	A3
A2.10	Water delivered (potable) to users charged at standard tariff rates for volume 100 to 250 Ml/yr	T10.L2	Ml/d	I				4.40	A2	3.94	A3	3.94	A3	3.95	A3
A2.11	Water delivered (potable) to users charged at standard tariff rates for volume < 100 Ml/yr	T10.L2	Ml/d	I				272.37	A2	248.42	A3	248.42	A3	249.10	A3
A2.11a	Water delivered (potable) to users charged at LUVVA rates for volume > 250 Ml/yr	-	Ml/d	I				37.59	A2	79.42	A3	79.42	A3	78.90	A3
A2.11b	Water delivered (potable) to users charged at LUVVA rates for volume 100 to 250 Ml/yr	-	Ml/d	I				17.97	A2	23.71	A3	23.71	A3	23.84	A3
A2.12	Water delivered (potable) to users charged at non-standard tariff rates for volume > 250 Ml/yr	-	Ml/d	I				101.60	A2	58.85	A3	58.85	A3	58.23	A3
A2.13	Water delivered (potable) to users charged at non-standard tariff rates for volume 100 to 250 Ml/yr	-	Ml/d	I				9.16	A2	3.01	A3	3.01	A3	2.78	A3
A2.14	Water delivered (potable) to users charged at non-standard tariff rates for volume < 100 Ml/yr	-	Ml/d	I				9.65	A2	2.01	A3	2.01	A3	1.82	A3
A2.15	Water delivered (potable) to users with relief of charges	-	Ml/d	I				1.81	A2	0.00	AX	0.00	AX	0.00	AX
A2.16	Water delivered (potable) to users with no charges	-	Ml/d	I				0.02	A2	0.00	AX	0.00	AX	0.00	AX
A2.17	Water delivered (non-potable)	-	Ml/d	I				12.35	C3	12.35	C3	12.35	C3	12.35	C3
A2.18	% Water delivered (potable) at non scheme charge rate	-	%	C	#DIV/0!			26.30	A2	15.02	A3	15.02	A3	14.80	A3
A2.19	% Water delivered (non-potable) at non scheme charge rate	-	%	I				100.00	C5	100.00	C5	100.00	C5	100.00	C5
A2.20	Underground supply pipe leakage - voids	T10, L17	l/pr/d	I				30.15	C4	30.15	C4	30.15	C4	30.15	C4
A2.21	Meter under-registration	T10, L19	Ml/d	I				20.13	C3	18.70	C3	18.70	C3	18.67	C3
<b>Unmeasured Non-Domestic</b>															
A2.22	Water delivered (potable) to properties RV> £250k	T10.L5	Ml/d	I				2.38	A2	2.40	A3	2.40	A3	2.40	A3
A2.23	Water delivered (potable) to properties RV<= £250k	T10.L5	Ml/d	I				43.81	A2	43.91	A3	43.91	A3	43.79	A3
A2.23a	Water delivered (potable) to properties in receipt of charitable relief	-	Ml/d	I				5.09	A2	0.00	AX	0.00	AX	0.00	AX
A2.24	Water delivered (potable) to properties with other relief of charges	-	Ml/d	I				0.00	N	0.00	N	0.00	N	0.00	N
A2.25	Water delivered (potable) to properties with no charges	-	Ml/d	I				0.50	A2	0.00	AX	0.00	AX	0.00	AX
A2.26	Water delivered (non-potable)	T10.L25	Ml/d	I				0.00	CX	0.00	CX	0.00	CX	0.00	CX
A2.27	% Water delivered (potable) at non scheme charge rates	-	%	I				0.00	BX	0.00	BX	0.00	BX	0.00	BX
A2.28	% Water delivered (non-potable) at non scheme charge rates	-	%	I				0.00	BX	0.00	BX	0.00	BX	0.00	BX
A2.29	Underground supply pipe leakage - billed	T10, L15 + L16	l/pr/d	I				59.12	C4	59.12	C4	59.12	C4	59.12	C4
A2.30	Underground supply pipe leakage - voids	T10, L17	l/pr/d	I				62.14	C4	62.14	C4	62.14	C4	62.14	C4
A2.31	Estimated water delivered per unmeasured non-domestic	T10, L11	l/pr/d	C	#DIV/0!			871.379	A2	941.770	A2	941.770	A2	979.170	A2
<b>Water Balance</b>															
A2.32	Total water delivered to domestic & non-domestic properties	T10, L24	Ml/d	I				1362.182	B3	1325.912	B3	1325.912	B3	1325.903	B3
A2.33	Distribution system operational use	T10, L20	Ml/d	I				8.67	D4	9.67	D4	9.67	D4	9.97	D4
A2.34	Water taken legally unbilled	T10, L21	Ml/d	I				24.93	D4	24.93	D4	24.93	D4	24.93	D4
A2.35	Water taken illegally unbilled	T10, L22	Ml/d	I				2.82	D4	2.82	D4	2.82	D4	2.82	D4
A2.36	Distribution losses	T10, L28	Ml/d	I				979.313	C4	849.324	C4	849.324	C4	773.817	C4
A2.37	Total leakage	T10, L29	Ml/d	I				1139.30	C4	1009.16	C4	1009.16	C4	934.63	C4
A2.38	Distribution input	T10, L30	Ml/d	I				2377.92	C4	2212.66	C4	2212.66	C4	2137.44	C4
A2.39	Difference in water balance	-	Ml/d	I				0.000	CX	0.000	CX	0.000	CX	0.000	CX
A2.40	Assessment of overall water balance	T10, L34							C4		C4		C4		C4
<b>Bulk Supplies</b>															
A2.41	Bulk supply imports	T10, L31	Ml/d	I				0.00	N	0.00	N	0.00	N	0.00	N
A2.42	Bulk supply exports	T10, L32	Ml/d	I				0.00	N	0.00	N	0.00	N	0.00	N
A2.43	% distribution input through PPP schemes	-	%	I				0.00	N	0.00	N	0.00	N	0.00	N

Prepared by: Colin O'Neill..... Date: 10/06/05  
 Checked by: Mark Dickson..... Date: 10/06/05  
 Authorised by: Cheryl Black..... Date: 10/06/05

ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION A : BASE INFORMATION  
Table A2: Water Volumes

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	10		20		30		40	
					Report Year 2004-05	Comment Necessary Y/N	Report Year +1 Budget 2005-06	Comment Necessary Y/N	Report Year +1 Forecast 2005-06	Comment Necessary Y/N	Report Year +2 Budget 2006-07	Comment Necessary Y/N
<b>Unmeasured Domestic</b>												
A2.1	Water delivered	T10,L4	Ml/d	I	N		N		N		N	
A2.2	Underground supply pipe leakage - billed	T10, L14	l/pr/d	I	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for various property categories
A2.3	Underground supply pipe leakage - voids	T10, L17	l/pr/d	I	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for various property categories
A2.4	Per capita consumption (unmeas'd domestic-excl.s/pipe leak.)	T10, L12	l/h/d	C	N	Based on lowest confidence grade of Supply FN	N	Based on lowest confidence grade of Supply FN	N	Based on lowest confidence grade of Supply FN	N	Based on lowest confidence grade of Supply Pipe Leakage
<b>Measured Domestic</b>												
A2.5	Water delivered	T10,L11	Ml/d	I	N		N		N		N	
A2.6	Underground supply pipe leakage - voids	T10, L17	l/pr/d	I	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for various property categories
A2.7	Meter under-registration	T10, L18	Ml/d	I	N	Based on OFWAT results - see commentary	N	Based on OFWAT results - see commentary	N	Based on OFWAT results - see commentary	N	Based on OFWAT results - see commentary
A2.8	Per capita consumption (meas'd domestic-excl.s/pipe leak.)	T10, L13	l/h/d	C	N		N		N		N	
<b>Measured Non-Domestic</b>												
A2.9	Water delivered (potable) to users charged at standard tariff rates for volume > 250 Mli/yr	T10,L2	Ml/d	I	N		N		N		N	
A2.10	Water delivered (potable) to users charged at standard tariff rates for volume 100 to 250 Mli/yr	T10,L2	Ml/d	I	N		N		N		N	
A2.11	Water delivered (potable) to users charged at standard tariff rates for volume < 100 Mli/yr	T10,L2	Ml/d	I	N		N		N		N	
A2.11a	Water delivered (potable) to users charged at LUVA rates for volume > 250 Mli/yr	-	Ml/d	I	N		N		N		N	
A2.11b	Water delivered (potable) to users charged at LUVA rates for volume 100 to 250 Mli/yr	-	Ml/d	I	N		N		N		N	
A2.12	Water delivered (potable) to users charged at non-standard tariff rates for volume > 250 Mli/yr	-	Ml/d	I	N		N		N		N	
A2.13	Water delivered (potable) to users charged at non-standard tariff rates for volume 100 to 250 Mli/yr	-	Ml/d	I	N		N		N		N	
A2.14	Water delivered (potable) to users charged at non-standard tariff rates for volume < 100 Mli/yr	-	Ml/d	I	N		N		N		N	
A2.15	Water delivered (potable) to users with relief of charges	-	Ml/d	I	N		N		N		N	
A2.16	Water delivered (potable) to users with no charges	-	Ml/d	I	N		N		N		N	
A2.17	Water delivered (non-potable)	-	Ml/d	I	N	Data set not complete	N	Inaccuracy of forecasting	N	Inaccuracy of forecasting	N	Inaccuracy of forecasting
A2.18	% Water delivered (potable) at non scheme charge rate	-	%	C	N		N		N		N	
A2.19	% Water delivered (non-potable) at non scheme charge rate	-	%	I	N	Available data includes unconfirmed rates	N	Inaccuracy of forecasting	N	Inaccuracy of forecasting	N	Inaccuracy of forecasting
A2.20	Underground supply pipe leakage - voids	T10, L17	l/pr/d	I	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for various property categories
A2.21	Meter under-registration	T10, L19	Ml/d	I	N	Based on OFWAT results - see commentary	N	Based on OFWAT results - see commentary	N	Based on OFWAT results - see commentary	N	Based on OFWAT results - see commentary
<b>Unmeasured Non-Domestic</b>												
A2.22	Water delivered (potable) to properties RV>= £250k	T10,L5	Ml/d	I	N		N		N		N	
A2.23	Water delivered (potable) to properties RV<= £250k	T10,L5	Ml/d	I	N		N		N		N	
A2.23a	Water delivered (potable) to properties in receipt of charitable relief	-	Ml/d	I	N		N		N		N	
A2.24	Water delivered (potable) to properties with other relief of charges	-	Ml/d	I	N	Please refer to table A commentary on other r	N	Please refer to table A commentary on other r	N	Please refer to table A commentary on other r	N	Please refer to table A commentary on other relief of charges
A2.25	Water delivered (potable) to properties with no charges	-	Ml/d	I	N		N		N		N	
A2.26	Water delivered (non-potable)	T10,L25	Ml/d	I	N	Formula based on limited information	N	Inaccuracy of forecasting	N	Inaccuracy of forecasting	N	Inaccuracy of forecasting
A2.27	% Water delivered (potable) at non scheme charge rates	-	%	I	N		N		N		N	
A2.28	% Water delivered (non-potable) at non scheme charge rates	-	%	I	N		N		N		N	
A2.29	Underground supply pipe leakage - billed	T10, L15 + L16	l/pr/d	I	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for various property categories
A2.30	Underground supply pipe leakage - voids	T10, L17	l/pr/d	I	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for vari	N	Limited SW specific data extrapolated for various property categories
A2.31	Estimated water delivered per unmeasured non-domestic	T10, L11	l/pr/d	C	N		N		N		N	
<b>Water Balance</b>												
A2.32	Total water delivered to domestic & non-domestic properties	T10, L24	Ml/d	C	N		N		N		N	
A2.33	Distribution system operational use	T10, L20	Ml/d	I	N	Calculation based on extrapolation of limited d	N	Calculation based on extrapolation of limited c	N	Calculation based on extrapolation of limited d	N	Calculation based on extrapolation of limited data sets
A2.34	Water taken legally unbilled	T10, L21	Ml/d	I	N	Calculation based on extrapolation of limited d	N	Calculation based on extrapolation of limited c	N	Calculation based on extrapolation of limited d	N	Calculation based on extrapolation of limited data sets
A2.35	Water taken illegally unbilled	T10, L22	Ml/d	I	N	Calculation based on extrapolation of limited d	N	Calculation based on extrapolation of limited c	N	Calculation based on extrapolation of limited d	N	Calculation based on extrapolation of limited data sets
A2.36	Distribution losses	T10, L28	Ml/d	C	N	Based on the CGs of line A2.37 and Supply P	N	Based on the CGs of line A2.37 and Supply P	N	Based on the CGs of line A2.37 and Supply P	N	Based on the CGs of line A2.37 and Supply Pipe Leakage
A2.37	Total leakage	T10, L29	Ml/d	I	N	Limited to C reliability as less than 60% prop	N	Limited to C reliability as less than 60% prop	N	Limited to C reliability as less than 60% prop	N	Limited to C reliability as less than 60% property coverage
A2.38	Distribution input	T10, L30	Ml/d	I	N	Distribution input does not reconcile to within 1	N	Distribution input does not reconcile to within 1	N	Distribution input does not reconcile to within 1	N	Distribution input does not reconcile to within 5% of the sum of the separately estimated water balance components.
A2.39	Difference in water balance	-	Ml/d	C	N	Total Leakage not an independent estimate bu	N	Total Leakage not an independent estimate bu	N	Total Leakage not an independent estimate bu	N	Total Leakage not an independent estimate but calculated using the Integrated Flow Method - therefore the difference in water balance is zero.
A2.40	Assessment of overall water balance	T10, L34			N	The water balance components do not reconcil	N	The water balance components do not reconcil	N	The water balance components do not reconcil	N	The water balance components do not reconcile with measured distribution input to within 5%.
<b>Bulk Supplies</b>												
A2.41	Bulk supply imports	T10, L31	Ml/d	I	N	Scottish Water do not have bulk supply import	N	Scottish Water do not have bulk supply import	N	Scottish Water do not have bulk supply import	N	Scottish Water do not have bulk supply imports
A2.42	Bulk supply exports	T10, L32	Ml/d	I	N	Scottish Water do not have bulk supply export	N	Scottish Water do not have bulk supply export	N	Scottish Water do not have bulk supply export	N	Scottish Water do not have bulk supply exports
A2.43	% distribution input through PPP schemes	-	%	I	N	Scottish Water do not have any water PPP sch	N	Scottish Water do not have any water PPP sch	N	Scottish Water do not have any water PPP sch	N	Scottish Water do not have any water PPP schemes

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ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION A : BASE INFORMATION

Table A3: Properties and Population - Wastewater

Line Ref.	Description	Orwat Reference	Units	Field Type	Report Year -1		Report Year		Report Year +1 Budget		Report Year +1 Forecast		Report Year +2 Budget		
					2003-04	CG	2004-05	CG	2005-06	CG	2005-06	CG	2006-07	CG	
<b>Unmeasured Domestic - Properties</b>															
A3.1	Total number of billed properties	T13, L1	Nr	C	0		2111513	A2	2123101	A2	2123101	A2	2135761	A2	
A3.2	Number of Band "A" properties	-	Nr	I			519491	A2	516380	A2	516380	A2	512392	A2	
A3.3	Number of Band "B" properties	-	Nr	I			536805	A2	536966	A2	536966	A2	536867	A2	
A3.4	Number of Band "C" properties	-	Nr	I			330738	A2	333081	A2	333081	A2	335914	A2	
A3.5	Number of Band "D" properties	-	Nr	I			251866	A2	254752	A2	254752	A2	258174	A2	
A3.6	Number of Band "E" properties	-	Nr	I			253779	A2	257694	A2	257694	A2	262136	A2	
A3.7	Number of Band "F" properties	-	Nr	I			129537	A2	132856	A2	132856	A2	136625	A2	
A3.8	Number of Band "G" properties	-	Nr	I			81606	A2	83493	A2	83493	A2	85576	A2	
A3.9	Number of Band "H" properties	-	Nr	I			7691	A2	7879	A2	7879	A2	8077	A2	
A3.10	Number of Band "D" equivalent properties	-	Nr	I			1748984	A2	1769222	A2	1769222	A2	1765758	A2	
A3.11	Number of surface water only properties	-	Nr	I			0	M	0	M	0	M	0	M	
A3.12	Number of properties with no surface water drainage	-	Nr	I			0	M	0	M	0	M	0	M	
A3.12a	Number of properties with roads drainage, but no property drainage	-	Nr	I			0	M	0	M	0	M	0	M	
A3.12b	Number of exempt properties	-	Nr	I			58841	A4	60439	A4	60439	A4	61871	A4	
A3.13	Number of void properties	-	Nr	I			53950	A4	54512	A4	54512	A4	55168	A4	
<b>Measured Domestic - Properties</b>															
A3.14	Total number of billed properties	T13, L2	Nr	I			164	A2	158	A2	158	A2	158	A2	
A3.15	Number of surface water only properties	-	Nr	I			0	BX	0	BX	0	BX	0	BX	
A3.16	Number of properties with no surface water drainage	-	Nr	I			310	A2	310	A3	310	A3	310	A3	
A3.17	Number of void properties	-	Nr	I			0	BX	0	BX	0	BX	0	BX	
<b>Measured Non-Domestic - Properties</b>															
A3.18	Number of billed properties with use > 250Ml/yr at standard tariff	-	Nr	I			3	A2	3	A3	3	A3	3	A3	
A3.19	Number of billed properties with use 100 to 250 Ml/yr at standard tariff	-	Nr	I			3	A2	3	A3	3	A3	3	A3	
A3.20	Number of billed properties with use <100 Ml/yr at standard tariff	-	Nr	I			55979	A2	50270	A3	50270	A3	52270	A3	
A3.21	Number of billed properties with use > 250Ml/yr at non-standard tariff	-	Nr	I			0	AX	0	AX	0	AX	0	AX	
A3.22	Number of billed properties with use 100 to 250 Ml/yr at non-standard tariff	-	Nr	I			2	A2	2	A3	2	A3	2	A3	
A3.23	Number of billed properties with use <100 Ml/yr at non-standard tariff	-	Nr	I			105	A2	93	A3	93	A3	93	A3	
A3.24	Number of billed properties with relief of charges	-	Nr	I			119	A2	0	AX	0	AX	0	AX	
A3.25	Number of billed properties with no charges	-	Nr	I			775	A2	775	A3	775	A3	775	A3	
A3.26	Total number of billed properties	T13, L5	Nr	C	0		56868	A2	51446	A3	51446	A3	53486	A3	
A3.27	Number of billed properties with trade effluent agreements	-	Nr	I			1803	A2	1802	A3	1802	A3	1802	A3	
A3.28	Number of billed properties with surface water only	-	Nr	I			0	AX	0	AX	0	AX	0	AX	
A3.29	Number of billed properties with no surface water drainage	-	Nr	I			1328	A2	1328	A3	1328	A3	1328	A3	
A3.29a	Number of billed properties with roads drainage but no property drainage	-	Nr	I			222	A2	222	A3	222	A3	222	A3	
A3.30	Number of void properties	-	Nr	I			5557	B2	15189	B3	15189	B3	15189	B3	
<b>Measured Non-Domestic - Meter Sizes: Actual Installed Meters</b>															
A3.31	Not in use	-													
A3.32	Not in use	-													
A3.33	Not in use	-													
A3.34	Not in use	-													
A3.34a	Electro-mechanical meters	-	Nr	I			19	B2	0	M	0	M	0	M	
A3.35	15mm or smaller	-	Nr	I			32783	A2	0	M	0	M	0	M	
A3.36	20mm	-	Nr	I			10015	A2	0	M	0	M	0	M	
A3.37	25mm	-	Nr	I			12845	A2	0	M	0	M	0	M	
A3.38	40mm	-	Nr	I			1106	A2	0	M	0	M	0	M	
A3.39	50mm	-	Nr	I			728	A2	0	M	0	M	0	M	
A3.40	80mm	-	Nr	I			704	A2	0	M	0	M	0	M	
A3.41	100mm	-	Nr	I			208	A2	0	M	0	M	0	M	
A3.42	150mm	-	Nr	I			17	A2	0	M	0	M	0	M	
A3.43	200mm	-	Nr	I			4	A2	0	M	0	M	0	M	
A3.44	250mm	-	Nr	I			0	AX	0	M	0	M	0	M	
A3.45	300mm	-	Nr	I			0	AX	0	M	0	M	0	M	
A3.46	400mm	-	Nr	I			0	AX	0	M	0	M	0	M	
A3.47	450mm	-	Nr	I			0	AX	0	M	0	M	0	M	
A3.48	600mm	-	Nr	I			0	AX	0	M	0	M	0	M	
A3.49	Total	-	Nr	C	0		58429	A2	0	M	0	M	0	M	
<b>Measured Non-Domestic - Meter Sizes: "Tariff" Meters</b>															
A3.50	Not in use	-													
A3.51	Not in use	-													
A3.52	Not in use	-													
A3.53	Not in use	-													
A3.53a	Electro-mechanical meters	-	Nr	I			18	A2	18	A3	18	A3	18	A3	
A3.54	15mm or smaller	-	Nr	I			32219	A2	31838	A3	31838	A3	33386	A3	
A3.55	20mm	-	Nr	I			16468	A2	16274	A3	16274	A3	17065	A3	
A3.56	25mm	-	Nr	I			7331	A2	2523	A3	2523	A3	2203	A3	
A3.57	40mm	-	Nr	I			963	A2	335	A3	335	A3	325	A3	
A3.58	50mm	-	Nr	I			723	A2	271	A3	271	A3	266	A3	
A3.59	80mm	-	Nr	I			316	A2	84	A3	84	A3	80	A3	
A3.60	100mm	-	Nr	I			67	A2	21	A3	21	A3	21	A3	
A3.61	150mm	-	Nr	I			10	A2	3	A3	3	A3	3	A3	
A3.62	200mm	-	Nr	I			1	AX	1	AX	1	AX	1	AX	
A3.63	250mm	-	Nr	I			0	AX	0	AX	0	AX	0	AX	
A3.64	300mm	-	Nr	I			0	AX	1	AX	1	AX	1	AX	
A3.65	400mm	-	Nr	I			0	AX	0	AX	0	AX	0	AX	
A3.66	450mm	-	Nr	I			0	AX	0	AX	0	AX	0	AX	
A3.67	600mm	-	Nr	I			0	AX	0	AX	0	AX	0	AX	
A3.68	Total	-	Nr	C	0		58116	A2	51369	A3	51369	A3	53369	A3	
<b>Unmeasured Non-Domestic - Properties</b>															
A3.69	Number of billed properties with a RV > £250k	-	Nr	I				66,000	A2	54,000	A3	54,000	A3	52,000	A3
A3.70	Number of billed properties with a RV <= £250k	-	Nr	I				55,107,000	A2	45,492,000	A3	45,492,000	A3	43,995,000	A3
A3.70a	Number of billed properties in receipt of charitable relief	-	Nr	I				441,000	A2	0,000	AX	0,000	AX	0,000	AX
A3.71	Number of billed properties with other relief of charges	-	Nr	I				0,000	N	0,000	N	0,000	N	0,000	N
A3.72	Number of billed properties with no charges	-	Nr	I				974,000	A2	974,000	A3	974,000	A3	974,000	A3
A3.73	Total number of billed properties	T13, L4	Nr	C	0,000			60,566,000	A2	46,520,000	A3	46,520,000	A3	44,521,000	A3
A3.74	Number of billed properties with surface water only	-	Nr	I				604,000	A2	604,000	A3	604,000	A3	604,000	A3
A3.75	Number of billed properties with no surface water drainage	-	Nr	I				686,000	A2	0,000	AX	0,000	AX	0,000	AX
A3.75a	Number of billed properties with roads drainage but no property drainage	-	Nr	I				19,000	A2	19,000	A3	19,000	A3	19,000	A3
A3.76	Number of void properties	-	Nr	I				24,542,000	B2	37,561,000	B3	37,561,000	B3	37,561,000	B3
<b>Surface Water</b>															
A3.77	Area subject to standard tariff	-	m <sup>2</sup>	I				213890,000	B2	213890,000	B2	213890,000	B2	213890,000	B2
A3.78	Area subject to non-standard tariff	-	m <sup>2</sup>	I				0,000	BX	0,000	BX	0,000	BX	0,000	BX
A3.79	Area not charged	-	m <sup>2</sup>	I				13630,000	B2	13630,000	B2	13630,000	B2	13630,000	B2
A3.80	Area - surface water only	-	m <sup>2</sup>	I				0,000	BX	0,000	BX	0,000	BX	0,000	BX
<b>Summary - Population</b>															
A3.81	Winter	T13, L21	000	I				4912,677	B2	4916,762	B2	4916,762	B2	4915,439	B2
A3.82	Summer	T13, L22	000	I				5162,947	B2	5167,032	B2	5167,032	B2	5165,709	B2
A3.83	Population connected to the wastewater service	-	000	I				4649,217	B2	4651,701	B2	4651,701	B2	4649,209	B2
A3.84	Assumed percentage returned to sewer	-	%	I				95.00	B3	95.00	B3	95.00	B3	95.00	B3
<b>Ratable Value Base</b>															
A3.85	RV for billed properties with use 100 to 250 Ml/yr at standard tariff (Foul water)	-	£m	I				2,030	A2	1,886	A3	1,886	A3	1,886	A3
A3.86	RV for billed properties with use <100 Ml/yr at standard tariff (Foul water)	-	£m	I				1817,165	A2	1688,655	A3	1688,655	A3	1688,655	A3
A3.87	RV for billed properties with use >250Ml/yr at standard tariff (Foul water)	-	£m	I</											





ANNUAL RETURN INFORMATION REQUIREMENTS

**SECTION A : BASE INFORMATION**  
**Table A4: Sewage Volumes and Loading**

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Report Year -1 2003-04		10 Report Year 2004-05		20 Report Year +1 Budget 2005-06		30 Report Year +1 Forecast 2005-06		40 Report Year +2 Budget 2006-07	
					CG	CG	CG	CG	CG	CG				
<b>Sewage - Volumes</b>														
A4.1	Volume unmeasured domestic sewage	T14, L1	MI/d	I			614.371	B2	614.699	B2	614.699	B2	614.370	B2
A4.2	Volume unmeasured non-domestic sewage at standard tariff	T14, L2	MI/d	I			41.178	A2	41.593	A3	41.593	A3	39.651	A3
A4.3	Volume unmeasured non-domestic sewage at non-standard tariff	-	MI/d	I			0.130	A2	0.131	A3	0.131	A3	0.125	A3
A4.3a	Volume unmeasured non-domestic sewage with charitable relief	-	MI/d	I			4.646	A2	0.000	AX	0.000	AX	0.000	AX
A4.4	Volume unmeasured non-domestic sewage with other relief of charges	-	MI/d	I			0	N	0	N	0	N	0	N
A4.5	Volume unmeasured non-domestic sewage with no charge	-	MI/d	I			0.450	A2	0.000	AX	0.000	AX	0.000	AX
A4.6	Volume unmeasured sewage	T14, L3	MI/d	C	0		660.775	A2	656.4229124	A3	656.4229124	A3	654.146263	A3
A4.7	Volume measured domestic sewage	T14, L4	MI/d	I			0.045	A2	0.045	A3	0.045	A3	0.045	A3
A4.8	Volume measured non-domestic sewage <100ML/yr - standard tariff	-	MI/d	I			118.909	A2	109.059	A3	109.059	A3	109.246	A3
A4.9	Volume measured non-domestic sewage 100-250ML/yr - standard tariff	-	MI/d	I			2.896	A2	2.656	A3	2.656	A3	2.661	A3
A4.10	Volume measured non-domestic sewage >250ML/yr - standard tariff	-	MI/d	I			3.704	A2	3.397	A3	3.397	A3	3.403	A3
A4.11	Volume measured non-domestic sewage <100ML/yr - non-standard tariff	-	MI/d	I			3.015	A2	1.285	A3	1.285	A3	1.285	A3
A4.12	Volume measured non-domestic sewage 100-250ML/yr - non-standard tariff	-	MI/d	I			0.165	A2	0.070	A3	0.070	A3	0.070	A3
A4.13	Volume measured non-domestic sewage >250ML/yr - non-standard tariff	-	MI/d	I			0.000	AX	0.000	AX	0.000	AX	0.000	AX
A4.14	Volume measured non-domestic sewage - relief of charges	-	MI/d	I			1.530	A2	0.000	AX	0.000	AX	0.000	AX
A4.15	Volume measured non-domestic sewage - no charge	-	MI/d	I			0.017	A2	0.000	AX	0.000	AX	0.000	AX
A4.16	Volume trade effluent	T14,L5	MI/d	I			126.741	B2	117.530	B2	117.530	B2	113.225	B2
A4.17	Volume of measured sewage	-	MI/d	C	0.000		257.022	A2	234.043	A2	234.043	A2	229.935	A2
A4.18	Volume waste water returned	T14, L6	MI/d	C	0.000		917.797	B2	890.466	B2	890.466	B2	884.081	B2
A4.19	Volume septic tank waste	T14, L10	MI	I			48.033	B4	48.033	B4	48.033	B4	48.033	B4
<b>Sewage - Loads</b>														
A4.20	Total connected population	T15,L1	000	BF	0.000	0	4649.217	B2	4651.701	B2	4651.701	B2	4649.209	B2
A4.21	Population with effluent receiving primary treatment	T15,L2	000	I			2,461.689	B3	2500.000	B3	2500.000	B3	2550.000	B3
A4.22	Population with effluent receiving secondary treatment	T15,L3	000	I			2,392.846	B3	2450.000	B3	2450.000	B3	2500.000	B3
A4.23	Domestic load receiving secondary treatment (BOD/yr)	T15, L4	tonnes	C	0.000		52403.336	B3	53655.000	B3	53655.000	B3	54750.000	B3
A4.24	Non-domestic load receiving secondary treatment (BOD/yr)	-	tonnes	I			8,652.330	B3	7960.000	B3	7960.000	B3	7960.000	B3
A4.25	Trade effluent load receiving secondary treatment (BOD/yr)	T15,L6	tonnes	I			15,650.835	B3	14600	B3	14600	B3	14100	B3
A4.26	Trade effluent load receiving secondary treatment (COD/yr)	T15, L7	tonnes	I			34,002	B3	31600	B3	31600	B3	30500	B3
A4.27	Private septic tank load receiving secondary treatment (BOD/yr)	T15, L8	tonnes	I			126	B4	126	B4	126	B4	126	B4
A4.28	Public septic tank load receiving secondary treatment (BOD/yr)	T15, L10	tonnes	I			108	B4	108	B4	108	B4	108	B4
A4.29	Other tanker load receiving secondary treatment (COD/yr)	T15, L13	tonnes	I			289	B4	289	B4	289	B4	289	B4
A4.30	Other tanker load receiving secondary treatment (BOD/yr)	T15, L12	tonnes	I			46	B4	46	B4	46	B4	46	B4
A4.31	Total load receiving secondary treatment (BOD/yr)	T15, L14	tonnes	C	0.000		76986.340	B3	76495.000	B3	76495.000	B3	77090.000	B3
A4.32	Total load receiving primary treatment only (BOD/yr)	T15, L16	tonnes	I			1,749.153	B3	1500.000	B3	1500.000	B3	1100.000	B3
A4.33	Total load receiving preliminary treatment only (BOD/yr)	T15, L17	tonnes	I			1,657.182	B3	1000.000	B3	1000.000	B3	150.000	B3
A4.34	Total load entering sewerage system (BOD/yr)	T15, L18	tonnes	I			85,962.162	B3	83500.000	B3	83500.000	B3	83000.000	B3
A4.35	Average COD concentration	T15, L22	mg/l	I			350.000	B2	350.000	B2	350.000	B2	350.000	B2
A4.36	Average suspended solids concentration	T15, L23	mg/l	I			250.000	B2	250.000	B2	250.000	B2	250.000	B2
A4.37	Equivalent population served (resident)	T15, L24	000	I			3,844.49	B3	3750.00	B3	3750.00	B3	3710.00	B3
A4.38	Equivalent population served (resident)(numerical consents)	T15, L25	000	I			3,699.75	B3	3600.00	B3	3600.00	B3	3560.00	B3
A4.39	Total load receiving treatment through PPP treatment works	-	tonnes	I			74,832	B3	72700	B3	72700	B3	72000	B3
<b>Sewage - Facilities (not required for charging scheme submission)</b>														
A4.40	Number of sewage treatment works	T15,L31	Nr	I			1807	A2	1800	A2	1800	A2	1790	A2
A4.41	Number of sea outfalls	T15,L32	Nr	I			194	A3	170	A3	170	A3	140	A3
A4.42	Treatment capacity available (BOD <sub>5</sub> /day)	T15,L33	tonnes	I			231.5	B3	235.0	B3	235.0	B3	240.0	B3
A4.43	Equivalent population served by sea outfalls	T15,L34	000	I			161	B3	120	B3	120	B3	70	B3
A4.44	Number of unsatisfactory sea outfalls	T15,L35	Nr	I			3	A2	0	AX	0	AX	0	AX
A4.45	Equivalent population served by unsatisfactory sea outfalls	T15,L36	0	I			26	B3	0	BX	0	BX	0	BX
<b>Sewage Sludge Disposal (not required for charging scheme submission)</b>														
A4.46	Percentage sewage sludge to farmland - untreated	JR03 T15,L40	%	I			0.00	BX	0.00	BX	0.00	BX	0.00	BX
A4.47	Percentage sewage sludge to farmland - conventional	JR03 T15,L41	%	I			31.85	B3	28.90	C5	28.90	C5	28.90	C5
A4.48	Percentage sewage sludge to farmland - advanced	JR03 T15,L42	%	I			2.62	B3	63.43	C5	63.43	C5	63.43	C5
A4.49	Percentage sewage sludge to incineration	JR03 T15,L43	%	I			0.00	BX	0.00	CX	0.00	CX	0.00	CX
A4.50	Percentage sewage sludge to landfill	JR03 T15,L44	%	I			2.50	B3	4.09	C5	4.09	C5	4.09	C5
A4.50a	Percentage sewage sludge composted	JR03 T15,L45	%	I			0.00	BX	0.00	CX	0.00	CX	0.00	CX
A4.50b	Percentage sewage sludge to land reclamation	-	%	I			59.02	B3	0.00	CX	0.00	CX	0.00	CX
A4.51	Percentage other sewage sludge disposal	JR03 T15,L46	%	I			4.01	B3	3.59	C5	3.59	C5	3.59	C5
A4.52	Total sewage sludge disposal	JR03 T15,L47	ttds	I			29.183	B3	32.586	B3	32.586	B3	32.586	B3
A4.53	Percentage unsatisfactory sludge disposal	JR03 T15,L48	%	I			0.00	BX	0.00	BX	0.00	BX	0.00	BX

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 Checked by: Mark Dickson..... Date: 10/06/05  
 Authorised by: Cheryl Black..... Date: 10/06/05

ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION A : BASE INFORMATION  
Table A4: Sewage Volumes and Loading

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	10		20		30		40	
					Report Year 2004-05	Comment	Report Year +1 Budget 2005-06	Comment	Report Year +1 Forecast 2005-06	Comment	Report Year +2 Budget 2006-07	Comment
					Comment Necessary Y/N		Comment Necessary Y/N		Comment Necessary Y/N		Comment Necessary Y/N	
<b>Sewage - Volumes</b>												
A4.1	Volume unmeasured domestic sewage	T14.L1	Ml/d	I	N		N		N		N	
A4.2	Volume unmeasured non-domestic sewage at standard tariff	T14.L2	Ml/d	I	N		N		N		N	
A4.3	Volume unmeasured non-domestic sewage at non-standard tariff	-	Ml/d	I	N		N		N		N	
A4.3a	Volume unmeasured non-domestic sewage with charitable relief	-	Ml/d	I	N		N		N		N	
A4.4	Volume unmeasured non-domestic sewage with other relief of charges	-	Ml/d	I	N	Please refer to table A commentary on other relief	N	Please refer to table A commentary on other relief	N	Please refer to table A commentary on other relief	N	Please refer to table A commentary on other relief of charges
A4.5	Volume unmeasured non-domestic sewage with no charge	-	Ml/d	I	N		N		N		N	
A4.6	Volume unmeasured sewage	T14.L3	Ml/d	C	N		N		N		N	
A4.7	Volume measured domestic sewage	T14.L4	Ml/d	I	N		N		N		N	
A4.8	Volume measured non-domestic sewage <100Ml/yr - standard tariff	-	Ml/d	I	N		N		N		N	
A4.9	Volume measured non-domestic sewage 100-250Ml/yr - standard tariff	-	Ml/d	I	N		N		N		N	
A4.10	Volume measured non-domestic sewage >250Ml/yr - standard tariff	-	Ml/d	I	N		N		N		N	
A4.11	Volume measured non-domestic sewage <100Ml/yr - non-standard tariff	-	Ml/d	I	N		N		N		N	
A4.12	Volume measured non-domestic sewage 100-250Ml/yr - non-standard tariff	-	Ml/d	I	N		N		N		N	
A4.13	Volume measured non-domestic sewage >250Ml/yr - non-standard tariff	-	Ml/d	I	N		N		N		N	
A4.14	Volume measured non-domestic sewage - relief of charges	-	Ml/d	I	N		N		N		N	
A4.15	Volume measured non-domestic sewage - no charge	-	Ml/d	I	N		N		N		N	
A4.16	Volume trade effluent	T14.L5	Ml/d	I	N		N		N		N	
A4.17	Volume of measured sewage	-	Ml/d	C	N		N		N		N	
A4.18	Volume waste water returned	T14.L6	Ml/d	C	N		N		N		N	
A4.19	Volume septic tank waste	T14.L10	Ml	I	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of actual and extrapolated data
<b>Sewage - Loads</b>												
A4.20	Total connected population	T15.L1	000	BF	N		N		N		N	
A4.21	Population with effluent receiving primary treatment	T15.L2	000	I	N		N		N		N	
A4.22	Population with effluent receiving secondary treatment	T15.L3	000	I	N		N		N		N	
A4.23	Domestic load receiving secondary treatment (BOD/yr)	T15.L4	tonnes	C	N		N		N		N	
A4.24	Non-domestic load receiving secondary treatment (BOD/yr)	-	tonnes	I	N		N		N		N	
A4.25	Trade effluent load receiving secondary treatment (BOD/yr)	T15.L6	tonnes	I	N		N		N		N	
A4.26	Trade effluent load receiving secondary treatment (COD/yr)	T15.L7	tonnes	I	N		N		N		N	
A4.27	Private septic tank load receiving secondary treatment (BOD/yr)	T15.L8	tonnes	I	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of actual and extrapolated data
A4.28	Public septic tank load receiving secondary treatment (BOD/yr)	T15.L10	tonnes	I	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of actual and extrapolated data
A4.29	Other tanker load receiving secondary treatment (COD/yr)	T15.L13	tonnes	I	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of actual and extrapolated data
A4.30	Other tanker load receiving secondary treatment (BOD/yr)	T15.L12	tonnes	I	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of	N	The low confidence grade is reflective of the use of actual and extrapolated data
A4.31	Total load receiving secondary treatment (BOD/yr)	T15.L14	tonnes	C	N		N		N		N	
A4.32	Total load receiving primary treatment only (BOD/yr)	T15.L16	tonnes	I	N		N		N		N	
A4.33	Total load receiving preliminary treatment only (BOD/yr)	T15.L17	tonnes	I	N		N		N		N	
A4.34	Total load entering sewerage system (BOD/yr)	T15.L18	tonnes	I	N		N		N		N	
A4.35	Average COD concentration	T15.L22	mg/l	I	N		N		N		N	
A4.36	Average suspended solids concentration	T15.L23	mg/l	I	N		N		N		N	
A4.37	Equivalent population served (resident)	T15.L24	000	I	N		N		N		N	
A4.38	Equivalent population served (resident)(numerical consents)	T15.L25	000	I	N		N		N		N	
A4.39	Total load receiving treatment through PPP treatment works	-	tonnes	I	N		N		N		N	
<b>Sewage - Facilities (not required for charging scheme submission)</b>												
A4.40	Number of sewage treatment works	T15.L31	Nr	I	N		N		N		N	
A4.41	Number of sea outfalls	T15.L32	Nr	I	N		N		N		N	
A4.42	Treatment capacity available (BOD/day)	T15.L33	tonnes	I	N		N		N		N	
A4.43	Equivalent population served by sea outfalls	T15.L34	000	I	N		N		N		N	
A4.44	Number of unsatisfactory sea outfalls	T15.L35	Nr	I	N		N		N		N	
A4.45	Equivalent population served by unsatisfactory sea outfalls	T15.L36	000	I	N		N		N		N	
<b>Sewage Sludge Disposal (not required for charging scheme submission)</b>												
A4.46	Percentage sewage sludge to farmland - untreated	JR03 T15.L40	%	I	N		N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.
A4.47	Percentage sewage sludge to farmland - conventional	JR03 T15.L41	%	I	N		N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.
A4.48	Percentage sewage sludge to farmland - advanced	JR03 T15.L42	%	I	N		N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.
A4.49	Percentage sewage sludge to incineration	JR03 T15.L43	%	I	N		N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.
A4.50	Percentage sewage sludge to landfill	JR03 T15.L44	%	I	N		N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.
A4.50a	Percentage sewage sludge composted	JR03 T15.L45	%	I	N		N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.
A4.50b	Percentage sewage sludge to land reclamation	-	%	I	N		N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.
A4.51	Percentage other sewage sludge disposal	JR03 T15.L46	%	I	N		N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.	N	Confidence grades are low due to difficulties projecting figures and actual disposal routes with available information.
A4.52	Total sewage sludge disposal	JR03 T15.L47	tds	I	N		N		N		N	
A4.53	Percentage unsatisfactory sludge disposal	JR03 T15.L48	%	I	N		N		N		N	

Issues with data	Problem ?	Solution	Problem ?	Solution	Problem ?	Solution	Problem ?	Solution
Total % sewage sludge disposed (sum of A4.46 to A4.51) should equal 100%	N	No solution required	N	No solution required	N	No solution required	N	No solution required

Prepared by: Colin O'Neill..... Date: 10/06/05  
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