

SECTION D - ASSET INFORMATION

Table D1: Workload Commissioned Assets - Water Service

Line Ref	Description	Ofwat Ref JR 2000	Field Type	Units	Summary of Workload					Total	CG
					Size Band 0	Size Band 1	Size Band 2	Size Band 3	Size Band 4		
<b>Asset Replacement</b>											
<b>Water Resources</b>											
D1.1	DAMS & IMPOUNDING RESERVOIRS [301]	H5.1, L1	BF/C	nr	5	1	6	0	6		18 B3
D1.2	RAW WATER INTAKE (LOCHS & BURNS) [302]	-	BF/C	nr	5	0	0	0	0		5 B3
D1.3	RAW WATER AQUEDUCTS [303]	H5.1, L2	BF/C	km	26	0	0	0	0		26 B3
<b>Water Treatment Works</b>											
D1.4	Type SW0 [201]	-	BF/C	nr	1	0	0	0	0	5	6 B3
D1.5	Type SW1 [202]	H5.1, L3	BF/C	nr	22	1	0	2	1	2	28 B3
D1.6	Type SW2 [203]	H5.1, L4	BF/C	nr	5	1	2	32	21	9	70 B3
D1.7	Type SW3 [204]	H5.1, L5	BF/C	nr	7	1	12	7	45	18	90 B3
D1.8	Type GW0 [205]	-	BF/C	nr	0	0	0	5	1	0	6 B3
D1.9	Type GW1 [206]	H5.1, L6	BF/C	nr	0	0	0	0	0	0	0 B2
D1.10	Type GW2 [207]	H5.1, L7	BF/C	nr	0	0	0	1	3	0	4 B3
D1.11	Type GW3 [208]	H5.1, L8	BF/C	nr	0	0	0	0	1	0	1 B2
<b>Water Storage</b>											
D1.12	SERVICE RESERVOIRS [209]	H5.1, L9	BF/C	nr	22	11	24	6	4	3	70 B3
D1.13	WATER TOWERS [210]	H5.1, L10	BF/C	nr	0	0	0	0	0		0 B2
<b>Water Pumping Stations</b>											
D1.14	INTAKE (Installed pump capacity incl. Standby) [211]	H5.1, L11	BF/C	nr	0	1	0	1	0	2	4 B3
D1.15	SOURCE (Installed pump capacity incl. Standby) [212]	H5.1, L12	BF/C	nr	0	0	0	1	2	0	3 B3
D1.16	BOOSTER (Installed pump capacity incl. Stby) [213]	H5.1, L13	BF/C	nr	0	34	44	2	0	1	81 B3
<b>Water Mains</b>											
D1.17	Mains Potable (nominal bore) [304]	H5.1, L14	BF/C	km	119.45	870.58	144.43	31.63	12.41		1178.5 B2
D1.18	Mains (other) [305]	H5.1, L15	BF/C	km	0	0	0	0	0		0 A2
D1.19	Communication pipes (lead) [306]	H5.1, L16	BF/C	nr	1282						1282 B3
D1.20	Communication pipes (other material) [307]	H5.1, L16	BF/C	nr	0	5167					5167 B3
D1.21	Meters [308]	H5.1, L116	BF/C	nr	3840	0					3840 B3
D1.22	<b>Total Asset Additions</b>			C	£000						

<b>New and Enhanced Assets</b>											
<b>Water Resources</b>											
D1.31	DAMS & IMPOUNDING RESERVOIRS [301]	H5.1, L1	BF/C	nr	1	0	1	0	0		2 B2
D1.32	RAW WATER INTAKE (LOCHS & BURNS) [302]	-	BF/C	nr	1	0	0	0	0		1 B2
D1.33	RAW WATER AQUEDUCTS [303]	H5.1, L2	BF/C	km	1.5	0	0	0	0		1.5 B3
<b>Water Treatment Works</b>											
D1.34	Type SW0 [201]	-	BF/C	nr	39	0	0	1	0	0	40 B3
D1.35	Type SW1 [202]	H5.1, L3	BF/C	nr	85	0	0	0	0	1	86 B3
D1.36	Type SW2 [203]	H5.1, L4	BF/C	nr	17	0	0	45	2	1	65 B3
D1.37	Type SW3 [204]	H5.1, L5	BF/C	nr	4	1	0	3	91	1	100 B3
D1.38	Type GW0 [205]	-	BF/C	nr	46	0	1	2	0	0	49 B3
D1.39	Type GW1 [206]	H5.1, L6	BF/C	nr	1	0	0	0	0	0	1 B3
D1.40	Type GW2 [207]	H5.1, L7	BF/C	nr	0	0	1	0	0	0	1 B3
D1.41	Type GW3 [208]	H5.1, L8	BF/C	nr	0	0	0	1	0	0	1 B3
<b>Water Storage</b>											
D1.42	SERVICE RESERVOIRS [209]	H5.1, L9	BF/C	nr	8	6	6	0	1	0	21 B3
D1.43	WATER TOWERS [210]	H5.1, L10	BF/C	nr	0	0	0	0	0		0 B2
<b>Water Pumping Stations</b>											
D1.44	INTAKE (Installed pump capacity incl. Standby) [211]	H5.1, L11	BF/C	nr	0	0	0	0	0	0	0 B2
D1.45	SOURCE (Installed pump capacity incl. Standby) [212]	H5.1, L12	BF/C	nr	0	0	0	0	0	0	0 B2
D1.46	BOOSTER (Installed pump capacity incl. Standby)	H5.1, L13	BF/C	nr	5	2	4	5	0	0	16 B3
<b>Water Mains</b>											
D1.47	Mains Potable (nominal bore) [304]	H5.1, L14	BF/C	km	10.88	118.78	101.55	17.12	0.1		248.43 B3
D1.48	Mains (other) [305]	H5.1, L15	BF/C	km	0	0	0	0	0		0 A2
D1.49	Communication pipes (lead) [306]	H5.1, L16	BF/C	nr	0						0 A2
D1.50	Communication pipes (other material) [307]	H5.1, L16	BF/C	nr	0	0					0 B3
D1.51	Meters [308]	H5.1, L116	BF/C	nr	1766	0					1766 B3
D1.52	<b>Total Asset Additions</b>			C	£000						

Commissioned Value by Asset Type (£ x 1000)							
Size Band 0	Size Band 1	Size Band 2	Size Band 3	Size Band 4	Size Band 5	Total	CG

**Asset Replacement**

250.863	1.682	556.45	0	104.253		913.248	B3
784.367	0	0	0	0		784.367	B3
310.511	0	0	0	0		310.511	B3

5.364	0	0	0	0	62.026	67.39	B3
829.931	6.761	0	60.948	60.129	160.285	1118.054	B3
229.046	22.087	13.521	1624.076	1564.806	1769.451	5222.987	B3
129.714	12.535	250.618	532.996	3972.599	331.669	5230.131	B3
0	0	0	182.747	13.849	0	196.596	B3
0	0	0	0	0	0	0	B2
0	0	0	8.983	28.91	0	37.893	B3
0	0	0	0	35.917	0	35.917	B3

347.945	201.116	683.867	150.273	481.246	519.877	2384.324	B3
0	0	0	0	0	0	0	B2

0	38.358	0	353.064	0	265.06	656.482	B3
0	0	0	23.068	61.335	0	84.403	B3
0	395.193	306.719	14.741	0	105.006	821.659	B3

5985.998	55500.12	13243.68	4735.674	976.974		80442.44	B3
0	0	0	0	0		0	B2
1373.968						1373.968	B3
0	1961.621					1961.621	B3
3642.088	0					3642.088	B3
13889.8	58139.47	15054.86	7686.57	7300.018	3213.374	105284.1	

**New and Enhanced Assets**

144.131	0	1033.414	0	0		1177.545	B3
144.131	0	0	0	0		144.131	B3
98.482	0	0	0	0		98.482	B3

484.833	0	0	23.02	0	0	507.853	B3
349.01	0	0	0	0	24.36	373.37	B3
8101.678	0	0	7905.562	4662.975	7.816	20678.03	B3
3652.983	2078.221	0	2604.141	21221.63	11126	40682.97	B3
401.764	0	126.875	253.75	0	0	782.389	B3
272.835	0	0	0	0	0	272.835	B3
0	0	724.888	0	0	0	724.888	B3
0	0	0	315.265	0	0	315.265	B3

1636.49	896.436	1412.187	0	66.067	0	4011.18	B3
0	0	0	0	0	0	0	B2

0	0	0	0	0	0	0	B2
0	0	0	0	0	0	0	B2
726.194	183.984	213.19	1103.563	0	0	2226.931	B3

649.666	7168.875	8066.829	3267.69	8.623		19161.68	B3
0	0	0	0	0		0	A2
0	0	0	0	0		0	A2
0	0	0	0	0		0	B3
1012.064	0					1012.064	B3
17674.26	10327.52	11577.38	15472.99	25959.29	11158.18	92169.62	

Prepared by: Michael Breingan.....Date: 17/06/05  
 Checked by: Bill Nicholls.....Date: 17/06/05  
 Authorised by: Geoff Aitkenhead.....Date: 17/06/05

ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION D - ASSET INFORMATION

Table D1: Workload Commissioned Assets - Water Service

Line Ref	Description	Ofwat Ref JR 2000	Field Type	Units	199		299	
					Total Summary of Workload		Total Commissioned Value by Asset Type (£ x 1000)	
					Asset Replacement		Asset Replacement	
					Comment Necessary	Comment	Comment Necessary	Comment
					Yes/No		Yes/No	
<b>Water Resources</b>								
D1.1	DAMS & IMPOUNDING RESERVOIRS	H5.1, L1	BF/C	nr	N		N	
D1.2	RAW WATER INTAKE (LOCHS & BURNS)	-	BF/C	nr	N		N	
D1.3	RAW WATER AQUEDUCTS	H5.1, L2	BF/C	km	N		N	
<b>Water Treatment Works</b>								
D1.4	Type SW0	-	BF/C	nr	N		N	
D1.5	Type SW1	H5.1, L3	BF/C	nr	N		N	
D1.6	Type SW2	H5.1, L4	BF/C	nr	N		N	
D1.7	Type SW3	H5.1, L5	BF/C	nr	N		N	
D1.8	Type GW0	-	BF/C	nr	N		N	
D1.9	Type GW1	H5.1, L6	BF/C	nr	N		N	
D1.10	Type GW2	H5.1, L7	BF/C	nr	N		N	
D1.11	Type GW3	H5.1, L8	BF/C	nr	N		N	
<b>Water Storage</b>								
D1.12	SERVICE RESERVOIRS	H5.1, L9	BF/C	nr	N		N	
D1.13	WATER TOWERS	H5.1, L10	BF/C	nr	N		N	
<b>Water Pumping Stations</b>								
D1.14	INTAKE (Installed pump capacity incl. Standby)	H5.1, L11	BF/C	nr	N		N	
D1.15	SOURCE (Installed pump capacity incl.)	H5.1, L12	BF/C	nr	N		N	
D1.16	BOOSTER (Installed pump capacity incl. Stby)	H5.1, L13	BF/C	nr	N		N	
<b>Water Mains</b>								
D1.17	Mains Potable (nominal bore)	H5.1, L14	BF/C	km	N		N	
D1.18	Mains (other)	H5.1, L15	BF/C	km	N		N	
D1.19	Communication pipes (lead)	H5.1, L16	BF/C	nr	N		N	
D1.20	Communication pipes (other material)	H5.1, L16	BF/C	nr	N		N	
D1.21	Meters	H5.1, L116	BF/C	nr	N		N	
D1.22	<b>Total Asset Additions</b>		C	£000				
					199		299	
					New and enhanced assets		New and enhanced assets	
					Total Summary of Workload		Total Commissioned Value by Asset Type (£ x 1000)	
					Comment Necessary	Comment	Comment Necessary	Comment
					Yes/No		Yes/No	
<b>Water Resources</b>								
D1.31	DAMS & IMPOUNDING RESERVOIRS	H5.1, L1	BF/C	nr	N		N	
D1.32	RAW WATER INTAKE (LOCHS & BURNS)	-	BF/C	nr	N		N	
D1.33	RAW WATER AQUEDUCTS	H5.1, L2	BF/C	km	N		N	
<b>Water Treatment Works</b>								
D1.34	Type SW0	-	BF/C	nr	N		N	
D1.35	Type SW1	H5.1, L3	BF/C	nr	N		N	
D1.36	Type SW2	H5.1, L4	BF/C	nr	N		N	
D1.37	Type SW3	H5.1, L5	BF/C	nr	N		N	
D1.38	Type GW0	-	BF/C	nr	N		N	
D1.39	Type GW1	H5.1, L6	BF/C	nr	N		N	
D1.40	Type GW2	H5.1, L7	BF/C	nr	N		N	
D1.41	Type GW3	H5.1, L8	BF/C	nr	N		N	
<b>Water Storage</b>								
D1.42	SERVICE RESERVOIRS	H5.1, L9	BF/C	nr	N		N	
D1.43	WATER TOWERS	H5.1, L10	BF/C	nr	N		N	
<b>Water Pumping Stations</b>								
D1.44	INTAKE (Installed pump capacity incl. Standby)	H5.1, L11	BF/C	nr	N		N	
D1.45	SOURCE (Installed pump capacity incl.)	H5.1, L12	BF/C	nr	N		N	
D1.46	BOOSTER (Installed pump capacity incl.)	H5.1, L13	BF/C	nr	N		N	
<b>Water Mains</b>								
D1.47	Mains Potable (nominal bore)	H5.1, L14	BF/C	km	N		N	
D1.48	Mains (other)	H5.1, L15	BF/C	km	N		N	
D1.49	Communication pipes (lead)	H5.1, L16	BF/C	nr	N		N	
D1.50	Communication pipes (other material)	H5.1, L16	BF/C	nr	N		N	
D1.51	Meters	H5.1, L116	BF/C	nr	N		N	
D1.52	<b>Total Asset Additions</b>		C	£000				

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

Prepared by: Michael Breingan.....Date: 17/06/05  
Checked by: Bill Nicholls.....Date: 17/06/05  
Authorised by: Geoff Aitkenhead.....Date: 17/06/05

**SECTION D - ASSET INFORMATION**  
**Table D2: Workload Commissioned Assets - Wastewater Service**

Line Ref	Description	Ofwat Ref	Field Type	Units	Summary of Workload						Total	CG
					Size Band 0	Size Band 1	Size Band 2	Size Band 3	Size Band 4	Size Band 5		
<b>Asset Replacement</b>												
<b>Sewers</b>												
D2.1	Critical sewers [401]	H5.1, L1	BF/C	km		13.14	73.83	30.06	8.98	0.21	126.22	B2
D2.2	Non-critical sewers [402]	-	BF/C	km		4.22	3.29	2.29			9.8	B2
D2.3	Sewage and pumping mains [403]	H5.1, L2	BF/C	km		0	0	0	0	0	0	B2
<b>Sewer Structures</b>												
D2.4	Combined and emergency overflows [404]	-	BF/C	nr		10	0	1			11	B2
D2.5	Other sewer structures [405]	H5.1, L3	BF/C	nr		1	1	0			2	B2
<b>Sea Outfalls</b>												
D2.6	Short outfalls [406]	H5.1, L9	BF/C	nr		2	0	0			2	B2
D2.7	Long outfalls [407]	H5.1, L10	BF/C	nr		0	0	0			0	B2
<b>Sewage Pumping Stations</b>												
D2.8	In-line [501]	H5.1, L11	BF/C	nr		8	187	29	4	2	230	B3
D2.9	Terminal [502]	H5.1, L12	BF/C	nr		2	0	2	0	1	5	B2
<b>Sewage Treatment Works</b>												
D2.10	Cess and septic tanks [503]	H5.1, L14	BF/C	nr		11	7	7			25	B3
D2.11	Preliminary treatment only [504]	H5.1, L15	BF/C	nr		0	0	0	4	5	9	B3
D2.12	Primary treatment only [505]	H5.1, L16	BF/C	nr		0	0	0	9	0	9	B3
D2.13	Secondary treatment only [506]	H5.1, L16	BF/C	nr		3	3	5	64	136	248	B3
D2.14	Tertiary treatment only [507]	H5.1, L116	BF/C	nr		2	1	0	8	20	41	B3
<b>Sludge Treatment Facilities</b>												
D2.15	Liquid disposal [508]	H5.1, L14	BF/C	nr		0	0	0	0	0	0	B2
D2.16	Cake disposal [509]	H5.1, L15	BF/C	nr		0	0	0	2	0	2	B2
D2.17	Compost disposal [510]	H5.1, L16	BF/C	nr		0	0	0	0	0	0	B2
D2.18	Dried pellet disposal [511]	H5.1, L16	BF/C	nr		0	0	0	0	0	0	B2
D2.19	Ash disposal [512]	H5.1, L16	BF/C	nr		0	0	0	0	0	0	B2
D2.20	Other disposal [513]	H5.1, L16	BF/C	nr		0	0	0	0	0	0	B2
D2.21	<b>Total Asset Additions</b>		C	£000								

Commissioned value by Asset Type (£ x 1000)							Total	CG
Size Band 0	Size Band 1	Size Band 2	Size Band 3	Size Band 4	Size Band 5			
<b>Asset Replacement</b>								
	1881.863	13829.42	8700.258	2435.323	766.535		27613.4	B3
	2340.945	1199.456	456.876				3997.277	B3
	0	0	0	0	0		0	B2
	575.703	0	22.603				598.306	B3
	3.5	7.426	0				10.926	B3
	77.42	0	0				77.42	B3
	0	0	0				0	B3
	58.182	1985.596	886.926	116.575	257.213		3304.492	B3
	214.688	0	75.505	0	243.869		534.062	B3
211.074	227.767	202.997					641.838	B3
0	0	0	0	41.165	252.971		294.136	B3
0	0	0	56.181	0	0		56.181	B3
122.122	55.575	75.995	974.367	3538.663	2055.409		6822.131	B3
24.909	12.455	0	260.029	398.882	2352.069		3048.344	B3
0	0	0	0	0	0		0	B2
0	0	0	72.354	0	0		72.354	B2
0	0	0	0	0	0		0	B2
0	0	0	0	0	0		0	B2
0	0	0	0	0	0		0	B2
0	0	0	0	0	0		0	B2
0	0	0	0	0	0		0	B2
358.105	5448.098	17300.89	11505.1	6530.608	5928.066		47070.87	

<b>New and Enhanced Assets</b>												
<b>Sewers</b>												
D2.31	Critical sewers [401]	H5.1, L1	BF/C	km		0	1.49	17.53	2.91	2.4	24.33	B3
D2.32	Non-critical sewers [402]	-	BF/C	km		158.75	76.81	1.65			237.21	B3
D2.33	Sewage and sludge pumping mains [403]	H5.1, L2	BF/C	km		5	12.19	2	7	0	26.19	B3
<b>Sewer Structures</b>												
D2.34	Combined and emergency overflows [404]	-	BF/C	nr		77	37	25			139	B2
D2.35	Other sewer structures [405]	H5.1, L3	BF/C	nr		10	0	1			11	B2
<b>Sea Outfalls</b>												
D2.36	Short outfalls [406]	H5.1, L9	BF/C	nr		8	0	0			8	B2
D2.37	Long outfalls [407]	H5.1, L10	BF/C	nr		1	0	0			1	B2
<b>Sewage Pumping Stations</b>												
D2.38	In-line [501]	H5.1, L11	BF/C	nr		18	12	7	2	2	41	B2
D2.39	Terminal [502]	H5.1, L12	BF/C	nr		2	0	0	0	0	2	B2
<b>Sewage Treatment Works</b>												
D2.40	Cess and septic tanks [503]	H5.1, L14	BF/C	nr		17	12	8			37	B2
D2.41	Preliminary treatment only [504]	H5.1, L15	BF/C	nr		0	0	0	0	2	2	B2
D2.42	Primary treatment only [505]	H5.1, L16	BF/C	nr		3	1	0	5	2	11	B2
D2.43	Secondary treatment only [506]	H5.1, L16	BF/C	nr		6	19	7	11	30	85	B2
D2.44	Tertiary treatment only [507]	H5.1, L116	BF/C	nr		1	2	13	2	4	26	B2
<b>Sludge Treatment Facilities</b>												
D2.45	Liquid disposal [508]	H5.1, L14	BF/C	nr		1	0	0	0	0	1	B2
D2.46	Cake disposal [509]	H5.1, L15	BF/C	nr		0	0	1	1	0	2	B2
D2.47	Compost disposal [510]	H5.1, L16	BF/C	nr		0	0	0	0	0	0	A2
D2.48	Dried pellet disposal [511]	H5.1, L16	BF/C	nr		0	0	0	0	0	0	A2
D2.49	Ash disposal [512]	H5.1, L16	BF/C	nr		0	0	0	0	0	0	A2
D2.50	Other disposal [513]	H5.1, L16	BF/C	nr		0	0	0	0	0	0	A2
D2.51	<b>Total Asset Additions</b>		C	£000								

<b>New and Enhanced Assets</b>							Total	CG
Size Band 0	Size Band 1	Size Band 2	Size Band 3	Size Band 4	Size Band 5			
<b>Asset Replacement</b>								
	0	270.878	2770.63	454.039	7494.676		10990.22	B3
	5451.188	3057.428	305.1				8813.716	B3
	1142.07	2930.491	2135.584	5529.347	0		11737.49	B3
	12196.73	6199.576	5134.583				23530.89	B3
	784.135	0	1444.69				2228.825	B3
	713.216	0	0				713.216	B3
	194.463	0	0				194.463	B3
	2917.435	1772.654	1378.716	3348.887	3363.692		12781.38	B3
	379.283	0	0	0	0		379.283	B3
1084.638	2165.873	692.817					3943.328	B3
0	0	0	0	0	300		300	B3
976.49	325.536	0	198.35	4497.77	0		5998.146	B3
210.589	2025.522	463.932	5985.177	4991.474	10408.96		24085.65	B3
23.605	680.982	1976.623	388.002	723.98	2355.197		6148.389	B3
305.992	0	0	0	0	0		305.992	B3
0	0	2897.184	2784.627	0	0		5681.811	B3
0	0	0	0	0	0		0	A2
0	0	0	0	0	0		0	A2
0	0	0	0	0	0		0	A2
0	0	0	0	0	0		0	A2
2601.314	28976.44	20261.58	22525.46	19545.5	23922.52		117832.8	

Prepared by: Michael Breingan.....Date: 17/06/05  
 Checked by: Bill Nicholls.....Date: 17/06/05  
 Authorised by: Geoff Aitkenhead.....Date: 17/06/05

**SECTION D - ASSET INFORMATION**  
**Table D2: Workload Commissioned Assets - Wastewater Service**

Line Ref	Description	Ofwat Ref	Field Type	Units	199		299	
					Comment Necessary	Comment	Comment Necessary	Comment
					<b>Total Summary of Workload</b>		<b>Total Commissioned Value by Asset Type (£ x 1000)</b>	
					<b>Asset Replacement</b>		<b>Asset Replacement</b>	
					Yes/No	Comment	Yes/No	Comment
<b>Sewers</b>								
D2.1	Critical sewers	H5.1, L1	BF/C	km	N		N	
D2.2	Non-critical sewers	-	BF/C	km	N		N	
D2.3	Sewage and pumping mains	H5.1, L2	BF/C	km	N		N	
<b>Sewer Structures</b>								
D2.4	Combined and emergency overflows	-	BF/C	nr	N		N	
D2.5	Other sewer structures	H5.1, L3	BF/C	nr	N		N	
<b>Sea Outfalls</b>								
D2.6	Short outfalls	H5.1, L9	BF/C	nr	N		N	
D2.7	Long outfalls	H5.1, L10	BF/C	nr	N		N	
<b>Sewage Pumping Stations</b>								
D2.8	In-line	H5.1, L11	BF/C	nr	N		N	
D2.9	Terminal	H5.1, L12	BF/C	nr	N		N	
<b>Sewage Treatment Works</b>								
D2.10	Cess and septic tanks	H5.1, L14	BF/C	nr	N		N	
D2.11	Preliminary treatment only	H5.1, L15	BF/C	nr	N		N	
D2.12	Primary treatment only	H5.1, L16	BF/C	nr	N		N	
D2.13	Secondary treatment only	H5.1, L16	BF/C	nr	N		N	
D2.14	Tertiary treatment only	H5.1, L16	BF/C	nr	N		N	
<b>Sludge Treatment Facilities</b>								
D2.15	Liquid disposal	H5.1, L14	BF/C	nr	N		N	
D2.16	Cake disposal	H5.1, L15	BF/C	nr	N		N	
D2.17	Compost disposal	H5.1, L16	BF/C	nr	N		N	
D2.18	Dried pellet disposal	H5.1, L16	BF/C	nr	N		N	
D2.19	Ash disposal	H5.1, L16	BF/C	nr	N		N	
D2.20	Other disposal	H5.1, L16	BF/C	nr	N		N	
D2.21	<b>Total Asset Additions</b>		C	£000				

Line Ref	Description	Ofwat Ref	Field Type	Units	199		299	
					Comment Necessary	Comment	Comment Necessary	Comment
					<b>Total Summary of Workload</b>		<b>Total Commissioned Value by Asset Type (£ x 1000)</b>	
					<b>New and enhanced assets</b>		<b>New and enhanced assets</b>	
					Yes/No	Comment	Yes/No	Comment
<b>Sewers</b>								
D2.31	Critical sewers	H5.1, L1	BF/C	km	N		N	
D2.32	Non-critical sewers	-	BF/C	km	N		N	
D2.33	Sewage and sludge pumping mains	H5.1, L2	BF/C	km	N		N	
<b>Sewer Structures</b>								
D2.34	Combined and emergency overflows	-	BF/C	nr	N		N	
D2.35	Other sewer structures	H5.1, L3	BF/C	nr	N		N	
<b>Sea Outfalls</b>								
D2.36	Short outfalls	H5.1, L9	BF/C	nr	N		N	
D2.37	Long outfalls	H5.1, L10	BF/C	nr	N		N	
<b>Sewage Pumping Stations</b>								
D2.38	In-line	H5.1, L11	BF/C	nr	N		N	
D2.39	Terminal	H5.1, L12	BF/C	nr	N		N	
<b>Sewage Treatment Works</b>								
D2.40	Cess and septic tanks	H5.1, L14	BF/C	nr	N		N	
D2.41	Preliminary treatment only	H5.1, L15	BF/C	nr	N		N	
D2.42	Primary treatment only	H5.1, L16	BF/C	nr	N		N	
D2.43	Secondary treatment only	H5.1, L16	BF/C	nr	N		N	
D2.44	Tertiary treatment only	H5.1, L16	BF/C	nr	N		N	
<b>Sludge Treatment Facilities</b>								
D2.45	Liquid disposal	H5.1, L14	BF/C	nr	N		N	
D2.46	Cake disposal	H5.1, L15	BF/C	nr	N		N	
D2.47	Compost disposal	H5.1, L16	BF/C	nr	N		N	
D2.48	Dried pellet disposal	H5.1, L16	BF/C	nr	N		N	
D2.49	Ash disposal	H5.1, L16	BF/C	nr	N		N	
D2.50	Other disposal	H5.1, L16	BF/C	nr	N		N	
D2.51	<b>Total Asset Additions</b>		C	£000				

Prepared by: Michael Breingan..... Date: 17/06/05  
 Checked by: Bill Nicholls..... Date: 17/06/05  
 Authorised by: Geoff Aitkenhead..... Date: 17/06/05

**SECTION D - ASSET INFORMATION**  
**Table D3: Workload Commissioned Assets - Support Services**

Line Ref	Description	Ofwat Ref	Field Type	Summary of Workload										Total	CG	
				Units	Size Band 0	Size Band 1	Size Band 2	Size Band 3	Size Band 4	Size Band 5	10	20	30			40
<b>Asset Replacement</b>																
<b>Offices and Laboratories</b>																
D3.1	Offices [601]	H5.1, L17	BF/C	m2/nr		0	3									B3
D3.2	Laboratories [601]	H5.2, L18	BF/C	m2/nr				0	0							B2
<b>Depots and Workshops</b>																
D3.3	Depots [602]	H5.1, L18	BF/C	m2/nr		0	0									A2
D3.4	Workshops [602]	H5.2, L19	BF/C	m2/nr				0	0							A2
<b>Control Centres</b>																
D3.5	Water service [603]	-	BF/C	m2/nr		0	0									A2
D3.6	Wastewater service [603]	-	BF/C	m2/nr				0	0							A2
<b>Vehicles and Plant</b>																
D3.7	Cars and light vans [604]	H5.1, L19	BF/C	£'000												
D3.8	Class C vehicles and specialist plant [604]	H5.2, L20	BF/C	£'000												
<b>Telemetry Systems</b>																
D3.9	Telemetry systems [605]	H5.1/2, L20/1	BF/C	%/nr		0	0									A2
<b>Information systems</b>																
D3.10	Personal computers [606]	H5.1, L21	BF/C	nr		3500										B2
D3.11	Workstations [606]	H5.2, L22	BF/C	nr			0									A2
D3.12	Main frames [606]	H5.2, L22	BF/C	nr				0								A2
<b>Other Non-Operational Assets</b>																
D3.13	Other property [607]			£'000												
D3.14	Livestock [607]		BF	£'000												
D3.15	Forestry and Timber [607]			£'000												
D3.16	Shipping [607]			£'000												
D3.17	<b>Total Asset Additions</b>		C	£'000												

<b>New and Enhanced Assets</b>																
<b>Offices and Laboratories</b>																
D3.21	Offices [601]	H5.1, L17	BF/C	m2/nr		0	0									A2
D3.22	Laboratories [601]	H5.2, L18	BF/C	m2/nr				0	0							A2
<b>Depots and Workshops</b>																
D3.23	Depots [602]	H5.1, L18	BF/C	m2/nr		0	0									A2
D3.24	Workshops [602]	H5.2, L19	BF/C	m2/nr				0	0							A2
<b>Control Centres</b>																
D3.25	Water service [603]	-	BF/C	m2/nr		0	0									A2
D3.26	Wastewater service [603]	-	BF/C	m2/nr				0	0							A2
<b>Vehicles and Plant</b>																
D3.27	Cars and light vans [604]	H5.1, L19	BF/C	£'000												
D3.28	Class C vehicles and specialist plant [604]	H5.2, L20	BF/C	£'000												
<b>Telemetry Systems</b>																
D3.29	Telemetry systems [605]	H5.1/2, L20/1	BF/C	%/nr		0	0									A2
<b>Information systems</b>																
D3.30	Personal computers [606]	H5.1, L21	BF/C	nr		0										A2
D3.31	Workstations [606]	H5.2, L22	BF/C	nr			200									B2
D3.32	Main frames [606]	H5.2, L22	BF/C	nr				0								A2
<b>Other Non-Operational Assets</b>																
D3.33	Other property [607]			£'000												
D3.34	Livestock [607]		BF	£'000												
D3.35	Forestry and Timber [607]			£'000												
D3.36	Shipping [607]			£'000												
D3.37	<b>Total Asset Additions</b>		C	£'000												

Commissioned value by Asset Type (£ x 1000)										Total	CG		
Size Band 0	Size Band 1	Size Band 2	Size Band 3	Size Band 4	Size Band 5	210	220	230	240			250	260
<b>Asset Replacement</b>													
	65	259.612										324.612	A2
			0	0								0	A2
	0	0										0	A2
			0	0								0	A2
	0	0										0	A2
	813.142											813.142	B2
		2297.625										2297.625	B2
	0	0										0	A2
	2211.303											2211.303	B2
		0										0	A2
			0									0	A2
	296											296	B2
		0										0	A2
			0									0	A2
				0								0	A2
	3385.445	2557.237		0	0							5942.682	

<b>New and Enhanced Assets</b>													
	0	0										0	A2
			0	0								0	A2
	0	0										0	A2
			0	0								0	A2
	0	0										0	A2
	0											0	A2
		0										0	A2
			0									0	A2
				500								500	B2
					0							0	A2
	0											0	A2
		0										0	A2
			0									0	A2
	0	500		0	0							500	

Prepared by: Michael Breingan..... Date: 17/06/05  
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**SECTION D - ASSET INFORMATION**  
**Table D3: Workload Commissioned Assets - Support Services**

Line Ref	Description	Ofwat Ref	Field Type	Units	199		299	
					Comment Necessary	Comment	Comment Necessary	Comment
					<b>Summary of Workload</b>		<b>Total Commissioned Value by Asset Type (£ x 1000)</b>	
					<b>Asset Additions</b>		<b>Asset Additions</b>	
					Yes/No		Yes/No	
<b>Offices and Laboratories</b>								
D3.1	Offices	H5.1, L17	BF/C	m2/nr	N		N	
D3.2	Laboratories	H5.2, L18	BF/C	m2/nr	N		N	
<b>Depots and Workshops</b>								
D3.3	Depots	H5.1, L18	BF/C	m2/nr	N		N	
D3.4	Workshops	H5.2, L19	BF/C	m2/nr	N		N	
<b>Control Centres</b>								
D3.5	Water service	-	BF/C	m2/nr	N		N	
D3.6	Wastewater service	-	BF/C	m2/nr	N		N	
<b>Vehicles and Plant</b>								
D3.7	Cars and light vans	H5.1, L19	BF/C	£m			N	
D3.8	Class C vehicles and specialist plant	H5.2, L20	BF/C	£m			N	
<b>Telemetry Systems</b>								
D3.9	Telemetry systems	H5.1/2, L20/1	BF/C	%/nr	N		N	
<b>Information systems</b>								
D3.10	Personal computers	H5.1, L21	BF/C	nr	N		N	
D3.11	Workstations	H5.1, L21	BF/C	nr	N		N	
D3.12	Main frames	H5.2, L22	BF/C	nr	N		N	
<b>Other Non-Operational Assets</b>								
D3.13	Other property			£m			N	
D3.14	Livestock		BF	£m			N	
D3.15	Forestry and Timber			£m			N	
D3.16	Shipping			£m			N	
D3.17	<b>Total Asset Additions</b>		C	£m				

Line Ref	Description	Ofwat Ref	Field Type	Units	199		299	
					Comment Necessary	Comment	Comment Necessary	Comment
					<b>Summary of Workload</b>		<b>Total Commissioned Value by Asset Type (£ x 1000)</b>	
					<b>New and Enhanced Assets</b>		<b>New and Enhanced Assets</b>	
					Yes/No		Yes/No	
<b>Offices and Laboratories</b>								
D3.21	Offices	H5.1, L17	BF/C	m2/nr	N		N	
D3.22	Laboratories	H5.2, L18	BF/C	m2/nr	N		N	
<b>Depots and Workshops</b>								
D3.23	Depots	H5.1, L18	BF/C	m2/nr	N		N	
D3.24	Workshops	H5.2, L19	BF/C	m2/nr	N		N	
<b>Control Centres</b>								
D3.25	Water service	-	BF/C	m2/nr	N		N	
D3.26	Wastewater service	-	BF/C	m2/nr	N		N	
<b>Vehicles and Plant</b>								
D3.27	Cars and light vans	H5.1, L19	BF/C	£m			N	
D3.28	Class C vehicles and specialist plant	H5.2, L20	BF/C	£m			N	
<b>Telemetry Systems</b>								
D3.29	Telemetry systems	H5.1/2, L20/1	BF/C	%/nr	N		N	
<b>Information systems</b>								
D3.30	Personal computers	H5.1, L21	BF/C	nr	N		N	
D3.31	Workstations	H5.1, L21	BF/C	nr	N		N	
D3.32	Main frames	H5.2, L22	BF/C	nr	N		N	
<b>Other Non-Operational Assets</b>								
D3.33	Other property			£m			N	
D3.34	Livestock		BF	£m			N	
D3.35	Forestry and Timber			£m			N	
D3.36	Shipping			£m			N	
D3.37	<b>Total Asset Additions</b>		C	£m				

Prepared by: Michael Breingan.....Date: 17/06/05  
 Checked by: Bill Nicholls.....Date: 17/06/05  
 Authorised by: Geoff Aitkenhead.....Date: 17/06/05

SECTION D - ASSET INFORMATION

Table D4: Asset Changes - Water, Wastewater and Support Services

Line Ref	Description	Owrat Ref	Field Type	Units	Summary of Changes					Total	CG		
					10	20	30	40	50			60	199
					Size Band 0	Size Band 1	Size Band 2	Size Band 3	Size Band 4			Size Band 5	
<b>Changes in asset stock due to New Information, redundant assets or other information</b>													
<b>Water Resources</b>													
D4.1	DAMS & IMPOUNDING RESERVOIRS	H5.1, L1	IC	nr	-21	-3	21	6	9	0	18	B3	
D4.2	RAW WATER INTAKE (LOCHS & BURNS)	-	IC	nr	235	-19	-12	6	-10	0	200	B3	
D4.3	RAW WATER AQUEDUCTS	H5.1, L2	IC	km	25.557	1.7024	-37.5966	41.7797	42.5696	0	74.0101	B3	
<b>Water Treatment Works</b>													
D4.4	Type SW0	-	IC	nr	0	0	1	-2	0	6	5	B3	
D4.5	Type SW1	H5.1, L4	IC	nr	12	-3	-1	2	1	1	12	B3	
D4.6	Type SW2	H5.1, L4	IC	nr	17	3	0	32	22	9	83	B3	
D4.7	Type SW3	H5.1, L5	IC	nr	6	3	12	6	45	18	90	B3	
D4.8	Type GW0	-	IC	nr	0	0	0	4	0	4	4	B3	
D4.9	Type GW1	H5.1, L6	IC	nr	-1	0	1	0	1	0	1	B3	
D4.10	Type GW2	H5.1, L7	IC	nr	2	-1	0	1	3	0	5	B3	
D4.11	Type GW3	H5.1, L8	IC	nr	0	0	0	-1	2	0	1	B3	
<b>Water Storage</b>													
D4.12	SERVICE RESERVOIRS	H5.1, L9	IC	nr	8	22	22	-4	-5	3	46	B3	
D4.13	WATER TOWERS	H5.1, L10	IC	nr	8	1	0	1	0	0	10	B3	
<b>Water Pumping Stations</b>													
D4.14	INTAKE (Installed pump capacity incl. Standby)	H5.1, L11	IC	nr	-3	-2	2	-3	-2	4	-4	B3	
D4.15	SOURCE (Installed pump capacity incl. Standby)	H5.1, L12	IC	nr	6	10	8	14	4	2	44	B3	
D4.16	BOOSTER (Installed pump capacity incl. Standby)	H5.1, L13	IC	nr	3	37	50	3	-12	-2	79	B3	
<b>Water Mains</b>													
D4.17	Mains Potable (nominal bore)	H5.1, L14	IC	km	121.5729	819.4676	466.2392	-7.89315	57.86337	0	1457.25	B3	
D4.18	Mains (other)	H5.1, L15	IC	km	-0.00753	1.21815	0.89085	0.038191	0	0	2.139666	B3	
D4.19	Communication pipes (lead)	H5.1, L16	IC	nr	-6965	0	0	0	0	0	-6965	B3	
D4.20	Communication pipes (other material)	H5.1, L16	IC	nr	-530840	546811	0	0	0	0	15971	B3	
D4.21	Meters	H5.1, L116	IC	nr	14571	132	0	0	0	0	14703	B3	
D4.22	<b>Total Asset Changes</b>		C	£000									

Changes in asset stock due to new information, redundant assets or other information												
<b>Sewers</b>												
D4.31	Critical sewers	H5.1, L1	IC	km	0	1399.386	2611.259	732.3413	50.4852	58.0642	4851.535	B3
D4.32	Non-critical sewers	-	IC	km	0	9263.328	-10034.9	-553.612	0	0	-1325.18	B3
D4.33	Sewage and sludge pumping mains	H5.1, L2	IC	km	0	19.6682	15.9532	8.25796	-0.25666	0.000313	43.62301	B3
<b>Sewer Structures</b>												
D4.34	Combined and emergency overflows	-	IC	nr	0	-1097	2039	-690	0	0	252	B3
D4.35	Other sewer structures	H5.1, L3	IC	nr	0	-75	-55	-67	0	0	-197	B3
<b>Sea Outfalls</b>												
D4.36	Short outfalls	H5.1, L9	IC	nr	0	410	72	23	0	0	505	B3
D4.37	Long outfalls	H5.1, L10	IC	nr	0	3	1	-1	0	0	3	B3
<b>Sewage Pumping Stations</b>												
D4.38	In-line	H5.1, L11	IC	nr	0	-42	203	52	10	-1	222	B3
D4.39	Terminal	H5.1, L12	IC	nr	0	10	-15	2	3	3	3	B3
<b>Sewage Treatment Works</b>												
D4.40	Cess and septic tanks	H5.1, L14	IC	nr	18	10	6	0	0	0	34	B3
D4.41	Preliminary treatment only	H5.1, L15	IC	nr	-5	-11	-2	1	-7	5	5	B3
D4.42	Primary treatment only	H5.1, L16	IC	nr	-3	0	4	12	-4	-4	5	B3
D4.43	Secondary treatment only	H5.1, L16	IC	nr	11	0	7	60	147	41	266	B3
D4.44	Tertiary treatment only	H5.1, L116	IC	nr	3	2	-2	8	15	10	36	B3
<b>Sludge Treatment Facilities</b>												
D4.45	Liquid disposal	H5.1, L14	IC	nr	-1	0	-5	-1	0	0	-7	B3
D4.46	Cake disposal	H5.1, L15	IC	nr	0	-1	-5	2	0	0	-4	B3
D4.47	Compost disposal	H5.1, L16	IC	nr	0	0	0	0	0	0	0	B3
D4.47a	Dried Pellet Disposal	H5.1, L16	IC	nr	0	0	0	0	0	0	0	B3
D4.48	Ash disposal	H5.1, L16	IC	nr	0	0	0	0	0	0	0	B3
D4.49	Other disposal	H5.1, L116	IC	nr	0	0	-1	0	0	0	-1	B3
D4.50	<b>Total Asset Changes</b>		C	£000								

Changes in asset stock due to New Information, redundant assets or other information												
<b>Offices and Laboratories</b>												
D4.51	Offices	H5.1, L17	IC	nr	-29884	-29	0	0	0	0	-29913	B3
D4.52	Laboratories	H5.2, L18	IC	nr	0	0	477	4	0	0	481	B3
<b>Depots and Workshops</b>												
D4.53	Depots	H5.1, L18	IC	nr	-8559	-17	0	0	0	0	-8576	B3
D4.54	Workshops	H5.2, L19	IC	nr	0	0	0	0	0	0	0	B3
<b>Control Centres</b>												
D4.55	Water service		IC	nr	535	-3	0	0	0	0	532	B3
D4.56	Wastewater service		IC	nr	0	0	1219	1	0	0	1220	B3
<b>Vehicles and Plant</b>												
D4.57	Cars and light vans	H5.1, L19	IC	nr	-5.54573	0	0	0	0	0	-5.54573	B3
D4.58	Class C vehicles and specialist plant	H5.2, L20	IC	nr	0	2.50221	0	0	0	0	2.50221	B3
<b>Telemetry Systems</b>												
D4.59	Telemetry systems	H5.1, L201	IC	nr	-0.28326	555	0	0	0	0	554.7167	B3
<b>Information systems</b>												
D4.60	Personal computers	H5.1, L21	IC	nr	3079	0	0	0	0	0	3079	B3
D4.61	Workstations	H5.2, L22	IC	nr	0	192	0	0	0	0	192	B3
D4.62	Main frames	H5.2, L22	IC	nr	0	0	-5	0	0	0	-5	B3
<b>Other Non-Operational Assets</b>												
D4.63	Other property		IC	nr	0	0	0	0	0	0	0	B3
D4.64	Livestock		IC	nr	0	0	0	0	0	0	0	B3
D4.65	Forestry and Timber		IC	nr	0	0	0	0	0	0	0	B3
D4.66	Shipping		IC	nr	0	0	0	0	0	0	0	B3
D4.67	<b>Total Asset Additions</b>		C	£000								

Prepared by: Michael Breingan.....Date: 15/07/05  
 Checked by: Bill Nicholls.....Date: 15/07/05  
 Authorised by: Geoff Aitkenhead.....Date: 15/07/05

Line Ref	Description	Owrat Ref	Field Type	Units	Summary of Changes					Total	CG				
					210	220	230	240	250			260	299	310	320
					Size Band 0	Size Band 1	Size Band 2	Size Band 3	Size Band 4			Size Band 5		Dcm	Rdn
<b>Changes in asset stock due to New Information, redundant assets or other information</b>															
<b>Water Resources</b>															
D4.1	DAMS & IMPOUNDING RESERVOIRS	H5.1, L1	IC	nr	-21	-3	21	6	9	0	18	B3			
D4.2	RAW WATER INTAKE (LOCHS & BURNS)	-	IC	nr	235	-19	-12	6	-10	0	200	B3			
D4.3	RAW WATER AQUEDUCTS	H5.1, L2	IC	km	25.557	1.7024	-37.5966	41.7797	42.5696	0	74.0101	B3			
<b>Water Treatment Works</b>															
D4.4	Type SW0	-	IC	nr	0	0	1	-2	0	6	5	B3			
D4.5	Type SW1	H5.1, L4	IC	nr	12	-3	-1	2	1	1	12	B3			
D4.6	Type SW2	H5.1, L4	IC	nr	17	3	0	32	22	9	83	B3			
D4.7	Type SW3	H5.1, L5	IC	nr	6	3	12	6	45	18	90	B3			
D4.8	Type GW0	-	IC	nr	0	0	0	4	0	4	4	B3			
D4.9	Type GW1	H5.1, L6	IC	nr	-1	0	1	0	1	0	1	B3			
D4.10	Type GW2	H5.1, L7	IC	nr	2	-1	0	1	3	0	5	B3			
D4.11	Type GW3	H5.1, L8	IC	nr	0	0	0	-1	2	0	1	B3			
<b>Water Storage</b>															
D4.12	SERVICE RESERVOIRS	H5.1, L9	IC	nr	8	22	22	-4	-5	3	46	B3			
D4.13	WATER TOWERS	H5.1, L10	IC	nr	8	1	0	1	0	0	10	B3			
<b>Water Pumping Stations</b>															
D4.14	INTAKE (Installed pump capacity incl. Standby)	H5.1, L11	IC	nr	-3	-2	2	-3	-2	4	-4	B3			
D4.15	SOURCE (Installed pump capacity incl. Standby)	H5.1, L12	IC	nr	6	10	8	14	4	2	44	B3			
D4.16	BOOSTER (Installed pump capacity incl. Standby)	H5.1, L13	IC	nr	3	37	50	3	-12	-2	79	B3			
<b>Water Mains</b>															
D4.17	Mains Potable (nominal bore)	H5.1, L14	IC	km	121.5729	819.4676	466.2392	-7.89315	57.86337	0	1457.25	B3			
D4.18	Mains (other)	H5.1, L15	IC	km	-0.00753	1.21815	0.89085	0.038191	0	0	2.139666	B3			
D4.19	Communication pipes (lead)	H5.1, L16	IC	nr	-6965	0	0	0	0	0	-6965	B3			
D4.20	Communication pipes (other material)	H5.1, L16	IC	nr	-530840	546811	0	0	0	0	15971	B3			
D4.21	Meters	H5.1, L116	IC	nr	14571	132	0	0	0	0	14703	B3			
D4.22	<b>Total Asset Changes</b>		C	£000											

Changes in asset stock due to New Information, redundant assets or other information												
<b>Sewers</b>												
D4.31	Critical sewers	H5.1, L1	IC	km	0	1399.386	2611.259	732.3413	50.4852	58.0642	4851.535	B3
D4.32	Non-critical sewers	-	IC	km	0	9263.328	-10034.9	-553.612	0	0	-1325.18	B3
D4.33	Sewage and sludge pumping mains	H5.1, L2	IC	km	0	19.6682	15.9532	8.25796	-0.25666	0.000313	43.62301	B3
<b>Sewer Structures</b>												
D4.34	Combined and emergency overflows	-	IC	nr	0	-1097	2039	-690	0	0	252	B3
D4.35	Other sewer structures	H5.1, L3	IC	nr	0	-75	-55	-67	0	0	-197	B3
<b>Sea Outfalls</b>												
D4.36	Short outfalls	H5.1, L9	IC	nr	0	410	72	23	0	0	505	B3
D4.37	Long outfalls	H5.1, L10	IC	nr	0	3	1	-1	0	0	3	B3
<b>Sewage Pumping Stations</b>												
D4.38	In-line	H5.1, L11	IC	nr	0	-42	203	52	10	-1	222	B3
D4.39	Terminal	H5.1, L12	IC	nr	0	10						

**SECTION D - ASSET INFORMATION**  
**Table D4: Asset Changes - Water, Wastewater and Support Services**

Line Ref	Description	Ohwat Ref	Field Type	Units	199			320		
					Summary of Changes			Value by Asset Type (£ x 1000)		
					Changes in asset stock due to New Information, redundant assets or other			Changes in asset stock due to New Information, redundant assets or other		
Comment Necessary	Yes/No	Comment	Comment Necessary	Yes/No	Comment					
<b>Water Resources</b>										
D4.1	DAMS & IMPOUNDING RESERVOIRS	H5.1, L1	I/C	nr	N	199	N			
D4.2	RAW WATER INTAKE (LOCHS & BURNS)	-	I/C	nr	N	199	N			
D4.3	RAW WATER AQUEDUCTS	H5.1, L2	I/C	km	N	199	N			
<b>Water Treatment Works</b>										
D4.4	Type SW0	-	I/C	nr	N	199	N			
D4.5	Type SW1	H5.1, L3	I/C	nr	N	199	N			
D4.6	Type SW2	H5.1, L4	I/C	nr	N	199	N			
D4.7	Type SW3	H5.1, L5	I/C	nr	N	199	N			
D4.8	Type GW0	-	I/C	nr	N	199	N			
D4.9	Type GW1	H5.1, L6	I/C	nr	N	199	N			
D4.10	Type GW2	H5.1, L7	I/C	nr	N	199	N			
D4.11	Type GW3	H5.1, L8	I/C	nr	N	199	N			
<b>Water Storage</b>										
D4.12	SERVICE RESERVOIRS	H5.1, L9	I/C	nr	N	199	N			
D4.13	WATER TOWERS	H5.1, L10	I/C	nr	N	199	N			
<b>Water Pumping Stations</b>										
D4.14	INTAKE (installed pump capacity incl. Standby)	H5.1, L11	I/C	nr	N	199	N			
D4.15	SOURCE (installed pump capacity incl. Standby)	H5.1, L12	I/C	nr	N	199	N			
D4.16	BOOSTER (installed pump capacity incl. Standby)	H5.1, L13	I/C	nr	N	199	N			
<b>Water Mains</b>										
D4.17	Mains Potable (nominal bore)	H5.1, L14	I/C	km	N	199	N			
D4.18	Mains (other)	H5.1, L15	I/C	km	N	199	N			
D4.19	Communication pipes (lead)	H5.1, L16	I/C	nr	N	199	N			
D4.20	Communication pipes (other material)	H5.1, L16	I/C	nr	N	199	N			
D4.21	Meters	H5.1, L116	I/C	nr	N	199	N			
D4.22	<b>Total Asset Changes</b>			C		£000				

Line Ref	Description	Ohwat Ref	Field Type	Units	199			320		
					Summary of Changes			Summary of Changes		
					Changes in asset stock due to New Information, redundant assets or other			Changes in asset stock due to New Information, redundant assets or other		
Comment Necessary	Yes/No	Comment	Comment Necessary	Yes/No	Comment					
<b>Sewers</b>										
D4.31	Critical sewers	H5.1, L1	I/C	km	N	199	N			
D4.32	Non-critical sewers	-	I/C	km	N	199	N			
D4.33	Sewage and sludge pumping mains	H5.1, L2	I/C	km	N	199	N			
<b>Sewer Structures</b>										
D4.34	Combined and emergency overflows	-	I/C	nr	N	199	N			
D4.35	Other sewer structures	H5.1, L3	I/C	nr	N	199	N			
<b>Sea Outfalls</b>										
D4.36	Short outfalls	H5.1, L9	I/C	nr	N	199	N			
D4.37	Long outfalls	H5.1, L10	I/C	nr	N	199	N			
<b>Sewage Pumping Stations</b>										
D4.38	In-line	H5.1, L11	I/C	nr	N	199	N			
D4.39	Terminal	H5.1, L12	I/C	nr	N	199	N			
<b>Sewage Treatment Works</b>										
D4.40	Cess and septic tanks	H5.1, L14	I/C	nr	N	199	N			
D4.41	Preliminary treatment only	H5.1, L15	I/C	nr	N	199	N			
D4.42	Primary treatment only	H5.1, L16	I/C	nr	N	199	N			
D4.43	Secondary treatment only	H5.1, L16	I/C	nr	N	199	N			
D4.44	Tertiary treatment only	H5.1, L116	I/C	nr	N	199	N			
<b>Sludge Treatment Facilities</b>										
D4.45	Liquid disposal	H5.1, L14	I/C	nr	N	199	N			
D4.46	Cake disposal	H5.1, L15	I/C	nr	N	199	N			
D4.47	Compost disposal	H5.1, L16	I/C	nr	N	199	N			
D4.47	Landfill Pellet Disposal	H5.1, L16	I/C	nr	N	199	N			
D4.48	Ash disposal	H5.1, L16	I/C	nr	N	199	N			
D4.49	Other disposal	H5.1, L116	I/C	nr	N	199	N			
D4.50	<b>Total Asset Changes</b>			C		£000				

Line Ref	Description	Ohwat Ref	Field Type	Units	199			320		
					Summary of Changes			Summary of Changes		
					Changes in asset stock due to New Information, redundant assets or other			Changes in asset stock due to New Information, redundant assets or other		
Comment Necessary	Yes/No	Comment	Comment Necessary	Yes/No	Comment					
<b>Offices and Laboratories</b>										
D4.51	Offices	H5.1, L17	I/C	nr	N	199	N			
D4.52	Laboratories	H5.2, L18	I/C	nr	N	199	N			
<b>Depots and Workshops</b>										
D4.53	Depots	H5.1, L18	I/C	nr	N	199	N			
D4.54	Workshops	H5.2, L19	I/C	nr	N	199	N			
<b>Control Centres</b>										
D4.55	Water service	-	I/C	nr	N	199	N			
D4.56	Wastewater service	-	I/C	nr	N	199	N			
<b>Vehicles and Plant</b>										
D4.57	Cars and light vans	H5.1, L19	I/C	nr	N	199	N			
D4.58	Class C vehicles and specialist plant	H5.2, L20	I/C	nr	N	199	N			
<b>Telemetry Systems</b>										
D4.59	Telemetry systems	H5.1a, L20a	I/C	nr	N	199	N			
<b>Information systems</b>										
D4.60	Personal computers	H5.1, L21	I/C	nr	N	199	N			
D4.61	Workstations	H5.2, L22	I/C	nr	N	199	N			
D4.62	Main frames	-	I/C	nr	N	199	N			
<b>Other Non-Operational Assets</b>										
D4.63	Other property	-	I/C	nr	N	199	N			
D4.64	Livestock	-	I/C	nr	N	199	N			
D4.65	Forestry and Timber	-	I/C	nr	N	199	N			
D4.66	Shippings	-	I/C	nr	N	199	N			
D4.67	<b>Total Asset Additions</b>			C		£000				

Prepared by: Michael Breingan.....Date: 17/06/05  
Checked by: Bill Nicholls.....Date: 17/06/05  
Authorised by: Geoff Aikenhead.....Date: 17/06/05



ANNUAL RETURN INFORMATION REQUIREMENTS

**SECTION D - ASSET INFORMATION**  
**Table D5: Asset Performance and Activities - Water Service**

Line Ref.	Description	Ofwat Reference JR00	Units	Field Type	Report Year -1		Report Year	
					2003-04	CG	2004-05	CG
<b>Asset Performance Indicators</b>							10	
D5.1	Mains bursts per 1000 km	T11,L12	nr	I			215.91	A3
D5.2	Percentage of water infrastructure asset EARC in condition grade 4	-	%	I			25	B3
D5.3	Percentage of water infrastructure asset EARC in condition grade 5	-	%	I			8	B3
D5.4	Percentage of water non infra asset EARC in performance grade 4	-	%	I			11	B3
D5.5	Percentage of water non infra asset EARC in performance grade 5	-	%	I			4	B3
D5.6	Percentage of water non infra asset EARC in risk category Red	-	%	I			15	B3
<b>Activities</b>								
D5.7	Total distribution zones identified for study	T11,L33	nr	I			1503	A2
D5.8	Distribution zone studies ongoing	T11,L34	nr	I			0	A3
D5.9	Distribution zone studies completed	T11,L31	nr	I			127	A3
D5.10	Percentage distribution zone studies completed	T11,L34	%	C	#DIV/0!		8.45	A3
D5.11	Percentage properties covered by completed studies	T11,L35	%	I			22.23	A3

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 Checked by: Bill Nicholls..... Date: 17/06/05  
 Authorised by: Geoff Aitkenhead..... Date: 17/06/05

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ANNUAL RETURN INFORMATION REQUIREMENTS

**SECTION D - ASSET INFORMATION**  
**Table D5: Asset Performance and Activities - Water Service**

					10	
<b>Line Ref.</b>	<b>Description</b>	<b>Ofwat Reference JR00</b>	<b>Units</b>	<b>Field Type</b>	<b>Report Year 2004-05</b>	
					<b>Comment Necessary Y/N</b>	<b>Comment</b>

Asset Performance Indicators				
D5.1	Mains bursts per 1000 km	T11,L12	nr	I
D5.2	Percentage of water infrastructure asset EARC in condition grade 4	-	%	I
D5.3	Percentage of water infrastructure asset EARC in condition grade 5	-	%	I
D5.4	Percentage of water non infra asset EARC in performance grade 4	-	%	I
D5.5	Percentage of water non infra asset EARC in performance grade 5	-	%	I
D5.6	Percentage of water non infra asset EARC in risk category Red	-	%	I

Activities				
D5.7	Total distribution zones identified for study	T11,L33	nr	I
D5.8	Distribution zone studies ongoing	T11,L34	nr	I
D5.9	Distribution zone studies completed	T11,L31	nr	I
D5.10	Percentage distribution zone studies completed	T11,L34	%	C
D5.11	Percentage properties covered by completed studies	T11,L35	%	I

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

ANNUAL RETURN INFORMATION REQUIREMENTS

**SECTION D - ASSET INFORMATION**  
**Table D6: Asset Performance and Activities - Wastewater Service**

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Report Year -1		Report Year	
					2003-04	CG	2004-05	CG
							10	
<b>Asset Performance Indicators</b>								
D6.1	Sewer collapses per 1000 km	T16,L17	nr	I			57	B4
D6.2	Number of unsatisfactory combined sewer overflows	T16,L25	nr	I			930	A2
D6.3	Number of combined sewer outflows	T16,L26	nr	I			4025	B4
D6.4	Percentage of unsatisfactory combined sewer overflows	-	%	C	#DIV/0!		23.11	B4
D6.5	Percentage of sewer infrastructure asset EARC in condition grade 4	-	%	I			16	C3
D6.6	Percentage of sewer infrastructure asset EARC in condition grade 5	-	%	I			4	C3
D6.7	Percentage of wastewater non infra asset EARC in performance grade 4		%	I			12	B3
D6.8	Percentage of wastewater non infra asset EARC in performance grade 5		%	I			4	B3
D6.9	Percentage of wastewater non infra asset EARC in risk category Red	-	%	I			16	B3
<b>Activities - Critical Sewer Investigations</b>								
D6.10	Assessed by CCTV or man entry - opening balance	T16,L3	km	I			4601	B2
D6.11	Assessed by estimating - opening balance	T16,L4	km	I			0	M
D6.12	Total length of critical sewer - opening balance	T16,L2	km	I			5872	B3
D6.13	New critical sewers added during the year	T16,L6	km	I			27	B2
D6.14	Critical sewers inspected by CCTV or man entry during the year	T16,L8	km	I			114	B2
D6.15	Critical sewers assessed by estimating during year	-	km	I			5880	B3
D6.16	Critical sewers reclassified	T16,L12	km	I			4696	B3
D6.17	Critical sewers abandoned	T16,L7	km	I			0	B3
D6.18	Assessed by CCTV or man entry - closing balance	T16,L23	km	C	0		4715	B2
D6.19	Assessed by estimating - closing balance	T16,L24	km	C	0		5880	B2
D6.20	Total length of critical sewer - closing balance	T16,L22	km	C	0		10595	B3
<b>Activities - Studies</b>								
D6.21	Total drainage area studies identified for study	-	nr	I			264	A2
D6.22	Drainage area studies ongoing	T16,L32	nr	I			42	A2
D6.23	Drainage area studies completed	T16,L31	nr	I			88	A2
D6.24	Percentage drainage area studies completed	T16,L34	%	C	#DIV/0!		33.3333333	A2
D6.25	Percentage properties covered by completed studies	T16,L35	%	I			30	A2

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ANNUAL RETURN INFORMATION REQUIREMENTS

**SECTION D - ASSET INFORMATION**  
**Table D6: Asset Performance and Activities - Wastewater Service**

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	10	Report Year 2004-05
<b>Asset Performance Indicators</b>						
D6.1	Sewer collapses per 1000 km	T16,L17	nr	I	N	Confidence grade assigned reflects that the data is now taken from a Scotland wide source (WAMS and Promise), gathered on a common basis but has remaining issues over the quality of the data.
D6.2	Number of unsatisfactory combined sewer overflows	T16,L25	nr	I	N	
D6.3	Number of combined sewer outflows	T16,L26	nr	I	N	The number of CSO's reported includes an element of extrapolation for those overflows which are anticipated to be found in areas not yet subjected to a Drainage Area Study. This has resulted in a lower confidence grade assigned.
D6.4	Percentage of unsatisfactory combined sewer overflows	-	%	C	N	The number of CSO's reported includes an element of extrapolation for those overflows which are anticipated to be found in areas not yet subjected to a Drainage Area Study. This has resulted in a lower confidence grade assigned.
D6.5	Percentage of sewer infrastructure asset EARC in condition grade 4	-	%	I	N	Data based on statistical extrapolation
D6.6	Percentage of sewer infrastructure asset EARC in condition grade 5	-	%	I	N	Data based on statistical extrapolation
D6.7	Percentage of wastewater non infra asset EARC in performance grade 4	-	%	I	N	
D6.8	Percentage of wastewater non infra asset EARC in performance grade 5	-	%	I	N	
D6.9	Percentage of wastewater non infra asset EARC in risk category Red	-	%	I	N	
<b>Activities - Critical Sewer Investigations</b>						
D6.10	Assessed by CCTV or man entry - opening balance	T16,L3	km	I	N	Previous to this Report Year no sewers had their condition assessed by estimating. The Confidence Grade is therefore reported as M.
D6.11	Assessed by estimating - opening balance	T16,L4	km	I	N	
D6.12	Total length of critical sewer - opening balance	T16,L2	km	I	N	
D6.13	New critical sewers added during the year	T16,L6	km	I	N	
D6.14	Critical sewers inspected by CCTV or man entry during the year	T16,L8	km	I	N	
D6.15	Critical sewers assessed by estimating during year	-	km	I	N	
D6.16	Critical sewers reclassified	T16,L12	km	I	N	
D6.17	Critical sewers abandoned	T16,L7	km	I	N	
D6.18	Assessed by CCTV or man entry - closing balance	T16,L23	km	C	N	
D6.19	Assessed by estimating - closing balance	T16,L24	km	C	N	
D6.20	Total length of critical sewer - closing balance	T16,L22	km	C	N	
<b>Activities - Studies</b>						
D6.21	Total drainage area studies identified for study	-	nr	I	N	
D6.22	Drainage area studies ongoing	T16,L32	nr	I	N	
D6.23	Drainage area studies completed	T16,L31	nr	I	N	
D6.24	Percentage drainage area studies completed	T16,L34	%	C	N	
D6.25	Percentage properties covered by completed studies	T16,L35	%	I	N	

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