

ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C1: Water Quality Outputs - Compliance

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Calendar Year -1		Calendar Year	
					2001	CG	2002	CG
							10	
Summary								
C1.1	Number of determinants taken at customer's tap	-	nr	l			141295	A1
C1.2	Sample determinants failing at customer's tap	-	nr	l			2181	A1
C1.3	Number of water supply zones in the Water Authority's supply area	-	nr	l			489	A1
C1.4	Number of zones reporting determinant failure	-	nr	l			342	A1
Specific Parameters Within Water Supply Zones								
C1.5	Number of zones failing for total coliforms	-	nr	l			132	A1
C1.6	Number of zones failing for faecal coliforms	-	nr	l			26	A1
C1.7	Number of zones failing for colour	-	nr	l			83	A1
C1.8	Number of zones failing for turbidity	-	nr	l			2	A1
C1.9	Number of zones failing for hydrogen ion (pH)	-	nr	l			26	A1
C1.10	Number of zones failing for aluminium	-	nr	l			28	A1
C1.11	Number of zones failing for iron	-	nr	l			91	A1
C1.12	Number of zones failing for manganese	-	nr	l			23	A1
C1.13	Number of zones failing for lead	-	nr	l			17	A1
C1.14	Number of zones failing for total trihalomethanes	-	nr	l			138	A1
C1.15	Number of zones failing for all other parameters	-	nr	l			163	A1
Samples Taken for Water Leaving the WTWs								
C1.16	Number of coliform samples taken	-	nr	l			38824	A1
C1.17	Number of samples with coliform failures	-	nr	l			131	A1
C1.18	Number of samples with faecal coliforms failures	-	nr	l			72	A1
C1.19	Number of WTWs failing for cryptosporidium	-	nr	l			23	A1
WTWs/Service Reservoirs								
C1.20	Number of untreated supplies	-	nr	l			178	C4
C1.21	Number of WTWs subject to temporary derogations	-	nr	l			169	A2
C1.22	Number of service reservoirs tested for coliforms	-	nr	l			1184	A1
C1.23	Number of service reservoirs having > 5% of coliform samples failing	-	nr	l			37	A1

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SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C1: Water Quality Outputs - Compliance

10
Calendar Year 2002

Comment Necessary Y/N	Comment
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Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type
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Summary				
C1.1	Number of determinants taken at customer's tap	-	nr	l
C1.2	Sample determinants failing at customer's tap	-	nr	l
C1.3	Number of water supply zones in the Water Authority's supply area	-	nr	l
C1.4	Number of zones reporting determinant failure	-	nr	l

N
N
N
N

Specific Parameters Within Water Supply Zones				
C1.5	Number of zones failing for total coliforms	-	nr	l
C1.6	Number of zones failing for faecal coliforms	-	nr	l
C1.7	Number of zones failing for colour	-	nr	l
C1.8	Number of zones failing for turbidity	-	nr	l
C1.9	Number of zones failing for hydrogen ion (pH)	-	nr	l
C1.10	Number of zones failing for aluminium	-	nr	l
C1.11	Number of zones failing for iron	-	nr	l
C1.12	Number of zones failing for manganese	-	nr	l
C1.13	Number of zones failing for lead	-	nr	l
C1.14	Number of zones failing for total trihalomethanes	-	nr	l
C1.15	Number of zones failing for all other parameters	-	nr	C

N
N
N
N
N
N
N
N
N
N
N

Samples Taken for Water Leaving the WTWs				
C1.16	Number of coliform samples taken	-	nr	l
C1.17	Number of samples with coliform failures	-	nr	l
C1.18	Number of samples with faecal coliforms failures	-	nr	l
C1.19	Number of WTWs failing for cryptosporidium	-	nr	l

N
N
N
N

WTWs/Service Reservoirs				
C1.20	Number of untreated supplies	-	nr	l
C1.21	Number of WTWs subject to temporary derogations	-	nr	l
C1.22	Number of service reservoirs tested for coliforms	-	nr	l
C1.23	Number of service reservoirs having > 5% of coliform samples failing	-	nr	l

N
N
N
N

Estimated fig

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SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C2: Water Quality Outputs - Asset Performance

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Calendar Year 1		10 Calendar Year	
					2001	CG	2002	CG
Coliforms								
C2.1	No. of WTWs tested for faecal coliforms	-	nr	l			417	A1
C2.2	No. of WTWs where any samples exceed the compliance value	-	nr	l			67	A1
C2.3	Not in use							
C2.4	Not in use							
Trihalomethanes (THMs)								
C2.5	No. of WTWs tested for THMs	-	nr	l			164	A2
C2.6	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	l			51	A2
C2.7	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	l			31	A2
C2.8	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	l			12	A2
Turbidity								
C2.9	No. of WTWs tested for turbidity	-	nr	l			287	A2
C2.10	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	l			1	A2
C2.11	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	l			1	A2
C2.12	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	l			21	A2
Aluminium								
C2.13	No. of WTWs tested for aluminium	-	nr	l			260	A2
C2.14	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	l			28	A2
C2.15	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	l			19	A2
C2.16	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	l			55	A2
Iron								
C2.17	No. of WTWs tested for iron	-	nr	l			259	A2
C2.18	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	l			39	A2
C2.19	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	l			16	A2
C2.20	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	l			41	A2
Manganese								
C2.21	No. of WTWs tested for manganese	-	nr	l			127	A2
C2.22	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	l			12	A2
C2.23	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	l			9	A2
C2.24	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	l			24	A2

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SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C2: Water Quality Outputs - Asset Performance

					10
Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Calendar Year 2002

Comment Necessary	Comment
Y/N	

Coliforms				
C2.1	No. of WTWs tested for faecal coliforms	-	nr	
C2.2	No. of WTWs where any samples exceed the compliance value	-	nr	
C2.3	Not in use			
C2.4	Not in use			

N
N

Trihalomethanes (THMs)				
C2.5	No. of WTWs tested for THMs	-	nr	
C2.6	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	
C2.7	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	
C2.8	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	

N
N
N
N

Turbidity				
C2.9	No. of WTWs tested for turbidity	-	nr	
C2.10	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	
C2.11	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	
C2.12	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	

N
N
N
N

Aluminium				
C2.13	No. of WTWs tested for aluminium	-	nr	
C2.14	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	
C2.15	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	
C2.16	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	

N
N
N
N

Iron				
C2.17	No. of WTWs tested for iron	-	nr	
C2.18	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	
C2.19	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	
C2.20	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	

N
N
N
N

Manganese				
C2.21	No. of WTWs tested for manganese	-	nr	
C2.22	No. of WTWs where >= 25% of samples exceed 50% of the compliance value	-	nr	
C2.23	No. of WTWs where between 10 to 25% of samples exceed 50% of the compliance value	-	nr	
C2.24	No. of WTWs where <10% of samples exceed 50% of the compliance value	-	nr	

N
N
N
N

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SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS

Table C3: New Obligations - Water

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Calendar Year -1		Calendar Year	
					2001	CG	2002	CG
Drinking Water Directive (98/83 EC)								
A) Lead pcv = 25 µg/l								
C3.1	Total number of water supply zones subject to undertakings	-	nr	I			149	B2
C3.2	Volume of water delivered subject to undertakings	-	MI/d	I			441	A2
C3.3	% of water delivered subject to undertakings	-	%	C	0.000		32.089	B3
B) Lead pcv = 10 µg/l								
C3.4	Total number of water supply zones subject to undertakings	-	nr	I			0	N
C3.5	Volume of water delivered subject to undertakings	-	MI/d	I			0	N
C3.6	% of water delivered subject to undertakings	-	%	C	0.000		0.000	N
C) Trihalomethanes pcv = interim								
C3.7	Total number of water supply zones subject to undertakings	-	nr	I			0	N
C3.8	Volume of water delivered subject to undertakings	-	MI/d	I			0	N
C3.9	% of water delivered subject to undertakings	-	%	C	0.000		0.000	N
D) Trihalomethanes pcv = final								
C3.10	Total number of water supply zones subject to undertakings	-	nr	I			150	B2
C3.11	Volume of water delivered subject to undertakings	-	MI/d	I			238.10	A2
C3.12	% of water delivered subject to undertakings	-	%	C	0.000		17.325	B3
E) Other parameters								
C3.13	Total number of water supply zones subject to undertakings	-	nr	I			42	B2
C3.14	Volume of water delivered subject to undertakings	-	MI/d	I			455.40	A2
C3.15	% of water delivered subject to undertakings	-	%	C	0.000		33.137	B3
The Cryptosporidium (New Water and Sewerage Directive) Direction 2000								
C3.16	Number of water supply zones with a risk assessment score > 100	-	nr	I			0	BX
C3.17	Volume of water delivered with a risk assessment score >100	-	MI/d	I			0	AX
C3.18	Number of water supply zones with a risk assessment score between 76 and 100	-	nr	I			31	B2
C3.19	Volume of water delivered with a risk assessment score between 76 and 100	-	MI/d	I			514	A2
C3.20	Number of water supply zones with a risk assessment score between 50 and 75	-	nr	I			48	B2
C3.21	Volume of water delivered with a risk assessment score between 50 and 75	-	MI/d	I			95.47	A2
Water Mains Rehabilitation Under Agreed Programme of Works								
C3.22	Number of water supply zones	-	nr	BF	0	0	489	A1
C3.23	Number of water supply zones subject to an agreed programme of work	-	nr	I			49	A2
C3.24	Length of mains for replacement in agreed programme of work	-	km	I			454	A2
C3.25	Length of mains for relining in agreed programme of work	-	km	I			0	A2
C3.26	Length of mains surveyed pre-appraisal (as PPRA) in calendar year	-	km	I			810	A2
C3.27	Length of mains replaced in calendar year	-	km	I			454	A2
C3.28	Length of mains relined in calendar year	-	km	I			0	A2
C3.29	Length of mains with completed and acceptable post-surveys	-	km	I			51	A2
C3.30	No. of water supply zones where programmes of work have been completed	-	nr	I			6	A2
The Abstraction Directive								
C3.31	Total number of river abstractions	-	nr	I			0	N
C3.32	Number of abstractions identified for programmes of action	-	nr	I			0	N
C3.33	Number of abstractions where programmes of action implemented	-	nr	I			0	N
The Birds Directive, The Habitats Directive								
C3.34	Total number of sites identified requiring authority action	-	nr	I			0	N
C3.35	Number of sites where studies or programmes of action planned	-	nr	I			0	N
C3.36	Number of sites where studies or programmes of action completed	-	nr	I			0	N

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SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C3: New Obligations - Water

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	10 Calendar Year 2002	
					Comment Necessary	Comment
Drinking Water Directive (98/83 EC)						
A) Lead pcv = 25 µg/l						
C3.1	Total number of water supply zones subject to undertakings	-	nr	I	N	
C3.2	Volume of water delivered subject to undertakings	-	MI/d	I	N	
C3.3	% of water delivered subject to undertakings	-	%	C	N	
B) Lead pcv = 10 µg/l						
C3.4	Total number of water supply zones subject to undertakings	-	nr	I	N	Currently no u
C3.5	Volume of water delivered subject to undertakings	-	MI/d	I	N	Currently no u
C3.6	% of water delivered subject to undertakings	-	%	C	N	Currently no u
C) Trihalomethanes pcv = interim						
C3.7	Total number of water supply zones subject to undertakings	-	nr	I	N	There is no in
C3.8	Volume of water delivered subject to undertakings	-	MI/d	I	N	There is no in
C3.9	% of water delivered subject to undertakings	-	%	C	N	There is no in
D) Trihalomethanes pcv = final						
C3.10	Total number of water supply zones subject to undertakings	-	nr	I	N	
C3.11	Volume of water delivered subject to undertakings	-	MI/d	I	N	
C3.12	% of water delivered subject to undertakings	-	%	C	N	
E) Other parameters						
C3.13	Total number of water supply zones subject to undertakings	-	nr	I	N	
C3.14	Volume of water delivered subject to undertakings	-	MI/d	I	N	
C3.15	% of water delivered subject to undertakings	-	%	C	N	
The Cryptosporidium (New Water and Sewerage Directive) Direction 2000						
C3.16	Number of water supply zones with a risk assessment score > 100	-	nr	I	N	
C3.17	Volume of water delivered with a risk assessment score >100	-	MI/d	I	N	
C3.18	Number of water supply zones with a risk assessment score between 76 and 100	-	nr	I	N	
C3.19	Volume of water delivered with a risk assessment score between 76 and 100	-	MI/d	I	N	
C3.20	Number of water supply zones with a risk assessment score between 50 and 75	-	nr	I	N	
C3.21	Volume of water delivered with a risk assessment score between 50 and 75	-	MI/d	I	N	
Water Mains Rehabilitation Under Agreed Programme of Works						
C3.22	Number of water supply zones	-	nr	BF	N	
C3.23	Number of water supply zones subject to an agreed programme of work	-	nr	I	N	
C3.24	Length of mains for replacement in agreed programme of work	-	km	I	N	
C3.25	Length of mains for relining in agreed programme of work	-	km	I	N	
C3.26	Length of mains surveyed pre-appraisal (as PPRA) in calendar year	-	km	I	N	
C3.27	Length of mains replaced in calendar year	-	km	I	N	
C3.28	Length of mains relined in calendar year	-	km	I	N	
C3.29	Length of mains with completed and acceptable post-surveys	-	km	I	N	
C3.30	No. of water supply zones where programmes of work have been completed	-	nr	I	N	
The Abstraction Directive						
C3.31	Total number of river abstractions	-	nr	I	N	The Abstracti
C3.32	Number of abstractions identified for programmes of action	-	nr	I	N	The Abstracti
C3.33	Number of abstractions where programmes of action implemented	-	nr	I	N	The Abstracti
The Birds Directive, The Habitats Directive						
C3.34	Total number of sites identified requiring authority action	-	nr	I	N	SW has not b
C3.35	Number of sites where studies or programmes of action planned	-	nr	I	N	SW has not b
C3.36	Number of sites where studies or programmes of action completed	-	nr	I	N	SW has not b

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ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C4: Wastewater Quality Outputs - Compliance

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Calendar Year -1 2001		Calendar Year 2002	
					CG	CG	CG	CG
Sewage Treatment Works							10	
A) All Discharges								
C4.1	Total consented discharges at year end	-	nr	l			1470	B2
C4.2	Total discharges sampled in year	-	nr	l			655	C3
C4.3	Number of discharges compliant	-	nr	l			1404	B2
B) Look-up Table Lower Tier Consents								
C4.4	Total consented discharges at year end	-	nr	l			710	B2
C4.5	Total discharges sampled in year	-	nr	l			535	C3
C4.6	Number of discharges compliant	-	nr	l			686	B2
C) Upper Tier Consents								
C4.7	Total consented discharges at year end	-	nr	l			710	B2
C4.8	Total discharges sampled in year	-	nr	l			535	C3
C4.9	Number of discharges compliant	-	nr	l			674	B2
D) Single Tier Consents								
C4.10	Total consented discharges at year end	-	nr	l			471	B2
C4.11	Total discharges sampled in year	-	nr	l			94	C3
C4.12	Number of discharges compliant	-	nr	l			465	B2
E) Absolute non Sanitary Consents								
C4.13	Total consented discharges at year end	-	nr	l			10	B2
C4.14	Total discharges sampled in year	-	nr	l			2	C3
C4.15	Number of discharges compliant	-	nr	l			10	B2
F) Non-numeric Consent								
C4.16	Total consented discharges at year end	-	nr	l			279	B2
C4.17	Total discharges sampled in year	-	nr	l			24	C3
C4.18	Number of discharges compliant	-	nr	l			279	B2
G) Discharges confirmed as failing								
C4.19	Number of discharges confirmed as failing	-	nr	l			66	B2
C4.20	Total population equivalent confirmed as failing	-	pe	l			2,183,779	B2
C4.21	Percentage population equivalent confirmed as failing	-	%	l			26	B2
H) Pollution incidents								
C4.22	Category 1	-	nr	l			2	B2
C4.23	Category 2	-	nr	l			3	B2
C4.24	Category 3	-	nr	l			4	B2

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ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C4: Wastewater Quality Outputs - Compliance

					10
Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Calendar Year 2002
					Comment Necessary Y/N
					Comment
Sewage Treatment Works					
A) All Discharges					
C4.1	Total consented discharges at year end	-	nr	l	N
C4.2	Total discharges sampled in year	-	nr	l	N A process does r
C4.3	Number of discharges compliant	-	nr	l	N
B) Look-up Table Lower Tier Consents					
C4.4	Total consented discharges at year end	-	nr	l	N
C4.5	Total discharges sampled in year	-	nr	l	N A process does r
C4.6	Number of discharges compliant	-	nr	l	N
C) Upper Tier Consents					
C4.7	Total consented discharges at year end	-	nr	l	N
C4.8	Total discharges sampled in year	-	nr	l	N A process does r
C4.9	Number of discharges compliant	-	nr	l	N
D) Single Tier Consents					
C4.10	Total consented discharges at year end	-	nr	l	N
C4.11	Total discharges sampled in year	-	nr	l	N A process does r
C4.12	Number of discharges compliant	-	nr	l	N
E) Absolute non Sanitary Consents					
C4.13	Total consented discharges at year end	-	nr	l	N
C4.14	Total discharges sampled in year	-	nr	l	N A process does r
C4.15	Number of discharges compliant	-	nr	l	N
F) Non-numeric Consent					
C4.16	Total consented discharges at year end	-	nr	l	N
C4.17	Total discharges sampled in year	-	nr	l	N A process does r
C4.18	Number of discharges compliant	-	nr	l	N
G) Discharges confirmed as failing					
C4.19	Number of discharges confirmed as failing	-	nr	l	N
C4.20	Total population equivalent confirmed as failing	-	pe	l	N
C4.21	Percentage population equivalent confirmed as failing	-	%	l	N
H) Pollution incidents					
C4.22	Category 1	-	nr	l	N
C4.23	Category 2	-	nr	l	N
C4.24	Category 3	-	nr	l	N

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ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C5: Wastewater Quality Outputs - Asset Performance

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Calendar Year 1		Calendar Year 2	
					2001	CG	2002	CG
BOD							10	
C5.1	Number of sewage treatment works with a numeric BOD consent	-	nr	C	0		0	N
C5.2	Number of sewage treatment works where >= 12 samples taken for BOD	-	nr	I			0	N
C5.3	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I			0	N
C5.4	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I			0	N
C5.5	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I			0	N
Suspended Solids								
C5.6	Number of sewage treatment works with a numeric Suspended Solids consent	-	nr	C	0		0	N
C5.7	Number of sewage treatment works where >= 12 samples taken for Suspended Solids	-	nr	I			0	N
C5.8	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I			0	N
C5.9	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I			0	N
C5.10	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I			0	N
Ammonia								
C5.11	Number of sewage treatment works with a numeric Ammonia consent	-	nr	C	0		0	N
C5.12	Number of sewage treatment works where >= 12 samples taken for Ammonia	-	nr	I			0	N
C5.13	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I			0	N
C5.14	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I			0	N
C5.15	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I			0	N
Phosphate								
C5.16	Number of sewage treatment works with a numeric Phosphate consent	-	nr	C	0		0	N
C5.17	Number of sewage treatment works where >= 12 samples taken for Phosphate	-	nr	I			0	N
C5.18	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I			0	N
C5.19	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I			0	N
C5.20	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I			0	N
Nitrate								
C5.21	Number of sewage treatment works with a numeric Nitrate consent	-	nr	C	0		0	N
C5.22	Number of sewage treatment works where >= 12 samples taken for Nitrate	-	nr	I			0	N
C5.23	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I			0	N
C5.24	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I			0	N
C5.25	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I			0	N

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ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C5: Wastewater Quality Outputs - Asset Performance

					10	
Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Calendar Year 2002	
					Comment Necessary	Comment
BOD						
C5.1	Number of sewage treatment works with a numeric BOD consent	-	nr	C	N	Not entered a
C5.2	Number of sewage treatment works where >= 12 samples taken for BOD	-	nr	I	N	Not entered a
C5.3	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.4	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.5	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I	N	Not entered a
Suspended Solids						
C5.6	Number of sewage treatment works with a numeric Suspended Solids consent	-	nr	C	N	Not entered a
C5.7	Number of sewage treatment works where >= 12 samples taken for Suspended Solids	-	nr	I	N	Not entered a
C5.8	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.9	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.10	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I	N	Not entered a
Ammonia						
C5.11	Number of sewage treatment works with a numeric Ammonia consent	-	nr	C	N	Not entered a
C5.12	Number of sewage treatment works where >= 12 samples taken for Ammonia	-	nr	I	N	Not entered a
C5.13	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.14	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.15	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I	N	Not entered a
Phosphate						
C5.16	Number of sewage treatment works with a numeric Phosphate consent	-	nr	C	N	Not entered a
C5.17	Number of sewage treatment works where >= 12 samples taken for Phosphate	-	nr	I	N	Not entered a
C5.18	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.19	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.20	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I	N	Not entered a
Nitrate						
C5.21	Number of sewage treatment works with a numeric Nitrate consent	-	nr	C	N	Not entered a
C5.22	Number of sewage treatment works where >= 12 samples taken for Nitrate	-	nr	I	N	Not entered a
C5.23	Number of sewage works where the sample mean > 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.24	Number of sewage works where the sample mean > 50% and <= 62.5% of the compliance value	-	nr	I	N	Not entered a
C5.25	Number of sewage works where the sample mean <= 50% of the compliance value	-	nr	I	N	Not entered a

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SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C6: Wastewater Quality Outputs - New Obligations

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	Calendar Year -1		Calendar Year	
					2001	CG	2002	CG
10								
Driver WQ1: Control of Pollution Act 1974 S34								
A) Sewage Treatment Works upgrading								
C6.1	Total number of sewage treatment works subject to improvement works	-	nr	I			23	B2
C6.2	Population equivalent subject to improvement works	-	000s	I			86.755	B2
C6.3	% of total population equivalent subject to improvement works	-	%	I			1.31	B2
B) Sewerage system upgrading								
C6.4	Total number of sewerage schemes subject to improvement works	-	nr	I			2	B2
C6.5	Population equivalent subject to improvement works	-	000s	I			6.75	B2
C6.6	% of total population equivalent subject to improvement works	-	%	I			0.1	B2
Driver WQ2: Improvements to poor or seriously polluted waters								
C) Sewage Treatment Works Discharge Improvements								
C6.7	Total number of sewage treatment works subject to improvement works	-	nr	I			1	B2
C6.8	Population equivalent subject to improvement works	-	000s	I			0.029	B2
C6.9	% of total population equivalent subject to improvement works	-	%	I			0.00044	B2
D) CSO Discharge Improvements								
C6.10	Total number of CSOs subject to improvement works	-	nr	I			0	AX
E) Surface Water Discharges/ Industrial Estates								
C6.11	Total number of discharges subject to improvement works	-	nr	I			0	BX
C6.12	Population equivalent subject to improvement works	-	000s	I			0	BX
C6.13	% of total population equivalent subject to improvement works	-	%	I			0	BX
F) First Time Sewerage of Coastal and Inland Villages								
C6.14	Total number of villages subject to improvement works	-	nr	I			6	B2
C6.15	Population equivalent subject to improvement works	-	000s	I			1.585	B2
C6.16	% of total population equivalent subject to improvement works	-	%	I			0.024	B2
Driver WQ3: Protection of Risk								
G) Recreation and non-identified Coastal Waters								
C6.17	Total number of discharges subject to improvement works	-	nr	I			2	B2
C6.18	Population equivalent subject to improvement works	-	000s	I			6.54	B2
C6.19	% of total population equivalent subject to improvement works	-	%	I			0.099	B2
H) Phosphorus Control								
C6.20	Total number of sewage treatment works subject to improvement works	-	nr	I			0	AX
C6.21	Population equivalent subject to improvement works	-	000s	I			0	AX
C6.22	% of total population equivalent subject to improvement works	-	%	I			0	AX
Driver EC1: UWWTD Directive								
I) Inland Waters - CSOs (intermittent discharges)								
C6.23	Total number of combined sewerage overflows subject to improvement works	-	nr	I			19	B2
J) Inland Waters - Sewage Treatment (continuous discharges)								
C6.24	Total number of sewage treatment works subject to improvement works	-	nr	I			91	B2
C6.25	Population equivalent subject to improvement works	-	000s	I			332.493	B2
C6.26	% of total population equivalent subject to improvement works	-	%	I			5.03	B2
K) Coastal Waters - CSOs (intermittent discharges)								
C6.27	Total number of combined sewerage overflows subject to improvement works	-	nr	I			6	B2
L) Coastal Waters - Sewage Treatment (continuous discharges)								
C6.28	Total number of sewage treatment works subject to improvement works	-	nr	I			17	B2
C6.29	Population equivalent subject to improvement works	-	000s	I			454.165	B2
C6.30	% of total population equivalent subject to improvement works	-	%	I			6.87	B2
M) Estuarial Waters - CSOs (intermittent discharges)								
C6.31	Total number of combined sewerage overflows subject to improvement works	-	nr	I			4	B2
N) Estuarial Waters - Sewage Treatment (continuous discharges)								
C6.32	Total number of sewage treatment works subject to improvement works	-	nr	I			5	B2
C6.33	Population equivalent subject to improvement works	-	000s	I			91.557	B2
C6.34	% of total population equivalent subject to improvement works	-	%	I			1.38	B2
Driver EC2: Bathing Waters Directive								
O) CSOs (intermittent discharges)								
C6.35	Total number of combined sewerage overflows subject to improvement works	-	nr	I			1	B2
P) Sewage Treatment (continuous discharges)								
C6.36	Total number of sewage treatment works subject to improvement works	-	nr	I			0	BX
C6.37	Population equivalent subject to improvement works	-	000s	I			0	BX
C6.38	% of total population equivalent subject to improvement works	-	%	I			0	BX
Driver EC3: Shellfish Waters								
Q) CSOs (intermittent discharges)								
C6.39	Total number of combined sewerage overflows subject to improvement works	-	nr	I			0	AX
R) Sewage Treatment (continuous discharges)								
C6.40	Total number of sewage treatment works subject to improvement works	-	nr	I			0	BX
C6.41	Population equivalent subject to improvement works	-	000s	I			0	BX
C6.42	% of total population equivalent subject to improvement works	-	%	I			0	BX
Driver EC4: Freshwater Fish Directive								
S) CSOs (intermittent discharges)								
C6.43	Total number of combined sewerage overflows subject to improvement works	-	nr	I			0	AX
T) Sewage Treatment (continuous discharges)								
C6.44	Total number of sewage treatment works subject to improvement works	-	nr	I			1	A2
C6.45	Population equivalent subject to improvement works	-	000s	I			0.3	A2
C6.46	% of total population equivalent subject to improvement works	-	%	I			0.0045	A2
Driver EC6: Sludge (Use in Agriculture) Directive								
C6.47	Total number new or enlarged sludge treatment works in improvement programme	-	nr	I			0	BX
C6.48	Total capacity of new or enlarged sludge treatment works in improvement programme	-	ttds	I			0	BX
C6.49	% of total sludge treatment capacity in improvement works	-	%	I			0	BX
Driver EC8: Habitats Directive								
C6.49a	Total number of sites identified requiring authority action	-	nr	I			4	A2
C6.49b	Number of sites where studies or programmes of action planned	-	nr	I			4	A2
C6.49c	Number of sites where studies or programmes of action completed	-	nr	I			0	AX
Driver EC9: Dangerous Substances Directive								
C6.50	Total number of projects subject to improvement works	-	nr	I			0	BX

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ANNUAL RETURN INFORMATION REQUIREMENTS

SECTION C: QUALITY AND ENVIRONMENTAL OUTPUTS
Table C6: Wastewater Quality Outputs - New Obligations

Line Ref.	Description	Ofwat Reference JR 2000	Units	Field Type	10	
					Calendar Year 2002	
					Comments Necessary	Comments
					Y/N	
Driver WQ1: Control of Pollution Act 1974 S34						
A) Sewage Treatment Works upgrading						
C6.1	Total number of sewage treatment works subject to improvement works	-	nr	I	N	
C6.2	Population equivalent subject to improvement works	-	000s	I	N	
C6.3	% of total population equivalent subject to improvement works	-	%	I	N	
B) Sewerage system upgrading						
C6.4	Total number of sewerage schemes subject to improvement works	-	nr	I	N	
C6.5	Population equivalent subject to improvement works	-	000s	I	N	
C6.6	% of total population equivalent subject to improvement works	-	%	I	N	
Driver WQ2: Improvements to poor or seriously polluted waters						
C) Sewage Treatment Works Discharge Improvements						
C6.7	Total number of sewage treatment works subject to improvement works	-	nr	I	N	
C6.8	Population equivalent subject to improvement works	-	000s	I	N	
C6.9	% of total population equivalent subject to improvement works	-	%	I	N	
D) CSO Discharge Improvements						
C6.10	Total number of CSOs subject to improvement works	-	nr	I	N	
E) Surface Water Discharges/ Industrial Estates						
C6.11	Total number of discharges subject to improvement works	-	nr	I	N	
C6.12	Population equivalent subject to improvement works	-	000s	I	N	
C6.13	% of total population equivalent subject to improvement works	-	%	I	N	
F) First Time Sewerage of Coastal and Inland Villages						
C6.14	Total number of villages subject to improvement works	-	nr	I	N	
C6.15	Population equivalent subject to improvement works	-	000s	I	N	
C6.16	% of total population equivalent subject to improvement works	-	%	I	N	
Driver WQ3: Protection of Risk						
G) Recreation and non-identified Coastal Waters						
C6.17	Total number of discharges subject to improvement works	-	nr	I	N	
C6.18	Population equivalent subject to improvement works	-	000s	I	N	
C6.19	% of total population equivalent subject to improvement works	-	%	I	N	
H) Phosphorus Control						
C6.20	Total number of sewage treatment works subject to improvement works	-	nr	I	N	
C6.21	Population equivalent subject to improvement works	-	000s	I	N	
C6.22	% of total population equivalent subject to improvement works	-	%	I	N	
Driver EC1: UWWTD Directive						
I) Inland Waters - CSOs (intermittent discharges)						
C6.23	Total number of combined sewerage overflows subject to improvement works	-	nr	I	N	
J) Inland Waters - Sewage Treatment (continuous discharges)						
C6.24	Total number of sewage treatment works subject to improvement works	-	nr	I	N	
C6.25	Population equivalent subject to improvement works	-	000s	I	N	
C6.26	% of total population equivalent subject to improvement works	-	%	I	N	
K) Coastal Waters - CSOs (intermittent discharges)						
C6.27	Total number of combined sewerage overflows subject to improvement works	-	nr	I	N	
L) Coastal Waters - Sewage Treatment (continuous discharges)						
C6.28	Total number of sewage treatment works subject to improvement works	-	nr	I	N	
C6.29	Population equivalent subject to improvement works	-	000s	I	N	
C6.30	% of total population equivalent subject to improvement works	-	%	I	N	
M) Estuarial Waters - CSOs (intermittent discharges)						
C6.31	Total number of combined sewerage overflows subject to improvement works	-	nr	I	N	
N) Estuarial Waters - Sewage Treatment (continuous discharges)						
C6.32	Total number of sewage treatment works subject to improvement works	-	nr	I	N	
C6.33	Population equivalent subject to improvement works	-	000s	I	N	
C6.34	% of total population equivalent subject to improvement works	-	%	I	N	
Driver EC2: Bathing Waters Directive						
O) CSOs (intermittent discharges)						
C6.35	Total number of combined sewerage overflows subject to improvement works	-	nr	I	N	
P) Sewage Treatment (continuous discharges)						
C6.36	Total number of sewage treatment works subject to improvement works	-	nr	I	N	
C6.37	Population equivalent subject to improvement works	-	000s	I	N	
C6.38	% of total population equivalent subject to improvement works	-	%	I	N	
Driver EC3: Shellfish Waters						
Q) CSOs (intermittent discharges)						
C6.39	Total number of combined sewerage overflows subject to improvement works	-	nr	I	N	
R) Sewage Treatment (continuous discharges)						
C6.40	Total number of sewage treatment works subject to improvement works	-	nr	I	N	
C6.41	Population equivalent subject to improvement works	-	000s	I	N	
C6.42	% of total population equivalent subject to improvement works	-	%	I	N	
Driver EC4: Freshwater Fish Directive						
S) CSOs (intermittent discharges)						
C6.43	Total number of combined sewerage overflows subject to improvement works	-	nr	I	N	
T) Sewage Treatment (continuous discharges)						
C6.44	Total number of sewage treatment works subject to improvement works	-	nr	I	N	
C6.45	Population equivalent subject to improvement works	-	000s	I	N	
C6.46	% of total population equivalent subject to improvement works	-	%	I	N	
Driver EC6: Sludge (Use in Agriculture) Directive						
C6.47	Total number new or enlarged sludge treatment works in improvement programme	-	nr	I	N	
C6.48	Total capacity of new or enlarged sludge treatment works in improvement programme	-	ttds	I	N	
C6.49	% of total sludge treatment capacity in improvement works	-	%	I	N	
Driver EC8: Habitats Directive						
C6.49a	Total number of sites identified requiring authority action	-	nr	I	N	
C6.49b	Number of sites where studies or programmes of action planned	-	nr	I	N	
C6.49c	Number of sites where studies or programmes of action completed	-	nr	I	N	
Driver EC9: Dangerous Substances Directive						
C6.50	Total number of projects subject to improvement works	-	nr	I	N	

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