

Appendix F : Capital Maintenance Activity

Table	1	Activities
Block	A	Water service activities
Line	1	Mains renewed

Line Definition: The length of mains renewed in the year. Include mains whose prime purpose is renewal of an existing main, even where the existing main remains in service (ie is not abandoned immediately on commissioning of a new main). Include mains sleeving/pipe cracking/sliplining where used for this category of work, and record any original main as abandoned. An adjustment to size classification should be made where renewal activity results in upsizing or downsizing of mains.

Processing Rule: Input

AR 07 Ref: D5.2 km 2dp

Table	1	Activities
Block	A	Water service activities
Line	2	Mains relined

Line Definition: The total length of mains relined in the year. Include all spray applied lining.

Processing Rule: Input

AR 07 Ref: D5.3 km 2dp

Table	1	Activities
Block	A	Water service activities
Line	3	Mains cleaned (total)

Line Definition: Information is required on mains cleaning activity carried out by SW under both maintenance and quality enhancement. This should include all pre-planned system flushing, but not flushing after bursts or other incidents. Include air scouring as well as the more aggressive forms of cleaning, such as pigging.

Processing Rule: Input

AR 07 Ref: D5.4 km 2dp

Table	1	Activities
Block	A	Water service activities
Line	4	Distribution mains cleaned for quality

Line Definition: The length of mains cleaned in the year expressed in kilometres as part of the quality enhancement programme.

Processing Rule: Input

AR 07 Ref: D5.5 km 2dp

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Table	1	Activities
Block	A	Water service activities
Line	5	New mains

Line Definition: The length of new mains laid in the year. Include new mains and mains renewals involving upsizing, whose prime justification is the requirement for additional capacity. A size breakdown will be required for subsequent periodic reviews, hence record those upsizing mains renewals under the new diameter and abandon the existing main when taken out of service.

Processing Rule: Input

AR 07 Ref: D5.6

km

2dp

Table	1	Activities
Block	A	Water service activities
Line	6	Lead communication pipes replaced - quality

Line Definition: The number of lead communication pipes replaced for quality reasons as a result of the lead quality programme to deal with the revised Drinking Water Regulations. All replacement activity must have been confirmed by DWQR. This must be consistent with the programme of work funded under the water quality enhancement programme where appropriate under Q&S3.

Processing Rule: Input

AR 07 Ref: D5.9

nr

0dp

Table	1	Activities
Block	A	Water service activities
Line	7	Lead communication pipes replaced - maintenance or other

Line Definition: The number of lead communication pipes replaced as a result of infrastructure renewals work being undertaken on the distribution mains. Maintenance work is defined as any other activity carried out on the distribution mains that is not part of the lead quality programme. Exclude all lead communication pipes which are reported under quality in line 6. Include all lead communication pipes which are replaced at customers' request under Regulation 26(4)(b) of the Water Supply (Water Quality) (Scotland) Regulations 2001.

Processing Rule: Input

AR 07 Ref: D5.10

nr

0dp

Table	1	Activities
Block	A	Water service activities
Line	8	Communication pipes replaced - other

Line Definition: The number of communication pipes (all types of materials but excluding lead) replaced for other reasons e.g. at the customer's request.

Processing Rule: Input

AR 07 Ref: D5.11

nr

0dp

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Table	1	Activities
Block	B	Water resource planning
Line	9	Total number of district metered area (DMA) in SW supply area

Line Definition: The total number of DMAs contained within the total water supply area of SW. DMAs should be established using the methodology specified in the UK Water Industry Research (UKWIR) "Manual of DMA Practice" or by other demonstrable good practice.

Processing Rule: Input

AR 07 Ref: D5.12 nr 0dp

Table	1	Activities
Block	B	Water resource planning
Line	10	Number of DMAs validated during the report year

Line Definition: The number of DMAs updated in the year. Updating of DMAs should comply with the good practice contained in the UKWIR "Manual for DMA Practice" or follow other demonstrable good practice.

Processing Rule: Input

AR 07 Ref: D5.13 nr 0dp

Table	1	Activities
Block	B	Water resource planning
Line	11	Total number of valid DMAs at the year end

Line Definition: The total number of valid DMAs at the year end. This is to include all DMAs which are operating as part of leakage control at the year end but exclude those that are not validated.

Processing Rule: Input

AR 07 Ref: D5.14 nr 0dp

Table	1	Activities
Block	B	Water resource planning
Line	12	Additional % of population covered by DMAs validated in the report year

Line Definition: The total additional percentage of the population served by SW residing within updated district meter area studies. Formula to be used: (Total number of population residing within updated DMAs in the year/Total population served by authority) x100.

Processing Rule: Input

AR 07 Ref: D5.15 % 3dp

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Table	1	Activities
Block	B	Water resource planning
Line	13	Total % of population covered by valid DMAs

Line Definition: The total percentage of the population served by SW residing within valid DMAs. Formula to be used: (Total number of population residing within updated DMAs/Total population served by authority) x100.

Processing Rule: Input

AR 07 Ref: D5.16 % 3dp

Table	1	Activities
Block	B	Water resource planning
Line	14	Percentage of total connections covered by valid DMAs

Line Definition: The total water connections within valid DMAs as a percentage of total water connections. Formula to be used: (Total number connections within updated DMAs/Total connections) x100.

Processing Rule: Input

AR 07 Ref: D5.17 % 3dp

Table	1	Activities
Block	B	Water resource planning
Line	15	Percentage of total network covered by valid DMAs

Line Definition: The percentage of the total network covered by valid DMAs. Formula to be used: (Total length of mains covered by updated DMAs/Total length of mains in SW's area) x100.

Processing Rule: Input

AR 07 Ref: D5.18 % 3dp

Table	1	Activities
Block	C	Wastewater service activities
Line	16	New critical sewers added during the year

Line Definition: The length of new "critical" sewers constructed or adopted in the year. This will be consistent with the length of new critical sewers reported in Tables D2 and D4.

Processing Rule: Input

AR 07 Ref: D6.3 km 2dp

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Table	1	Activities
Block	C	Wastewater service activities
Line	17	Critical sewers inspected by CCTV or man entry during the year

Line Definition: The length of "critical" sewers inspected by CCTV/man entry in the year. This includes re-inspection activity.

Processing Rule: Input

AR 07 Ref: D6.4

km

2dp

Table	1	Activities
Block	C	Wastewater service activities
Line	18	Critical sewers - renovated

Line Definition: The length of "critical sewers" rehabilitated in the year. Definition of "critical sewer" comes from the WRC Sewerage Rehabilitation Manual.

Processing Rule: Input

AR 07 Ref: D6.5

km

2dp

Table	1	Activities
Block	C	Wastewater service activities
Line	19	Critical sewers - replaced

Line Definition: The length of "critical sewers" replaced in year. Definition of "critical sewer" comes from the WRC Sewerage Rehabilitation Manual.

Processing Rule: Input

AR 07 Ref: D6.6

km

2dp

Table	1	Activities
Block	C	Wastewater service activities
Line	20	New "non-critical" sewers

Line Definition: The length of "non-critical" sewers constructed or adopted in the year.

Processing Rule: Input

AR 07 Ref: D6.9

km

2dp

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Table	1	Activities
Block	C	Wastewater service activities
Line	21	"Non-critical" sewers - renovated

Line Definition: The length of "non-critical" sewers renovated in the year. Enter length in original condition classification grade.

Processing Rule: Input

AR 07 Ref: D6.10

km

2dp

Table	1	Activities
Block	C	Wastewater service activities
Line	22	"Non-critical" sewers - replaced

Line Definition: The length of "non-critical" sewers replaced in the year. Enter length in original condition classification grade.

Processing Rule: Input

AR 07 Ref: D6.11

km

2dp

Table	1	Activities
Block	D	Drainage area planning
Line	23	Total drainage area studies identified for study in current programme (Q&S3a)

Line Definition: The total drainage area studies identified for study (Q&S3).

Processing Rule: Input

AR 07 Ref: D6.15

nr

0dp

Table	1	Activities
Block	D	Drainage area planning
Line	24	Drainage area studies ongoing in current programme

Line Definition: Drainage area studies ongoing in current programme.

Processing Rule: Input

AR 07 Ref: D6.16

nr

0dp

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Table	1	Activities
Block	D	Drainage area planning
Line	25	Drainage area studies completed

Line Definition: Drainage area studies completed.

Processing Rule: Input

AR 07 Ref: D6.17

nr

0dp

Table	1	Activities
Block	D	Drainage area planning
Line	26	Percentage drainage area studies completed in current programme

Line Definition: The percentage drainage area studies completed in current programme (cumulative).

Processing Rule: Input

AR 07 Ref: D6.18

%

3dp

Table	1	Activities
Block	D	Drainage area planning
Line	27	Percentage properties covered by completed studies

Line Definition: The percentage properties covered by completed studies (cumulative).

Processing Rule: Input

AR 07 Ref: D6.19

%

3dp