



|             |                      |           |            |
|-------------|----------------------|-----------|------------|
| <b>D5.3</b> | <b>Mains relined</b> | <b>km</b> | <b>2dp</b> |
|-------------|----------------------|-----------|------------|

**Data Definition:** The total length of mains relined during the report year. Include all spray applied lining.

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|             |                              |           |            |
|-------------|------------------------------|-----------|------------|
| <b>D5.4</b> | <b>Mains cleaned (total)</b> | <b>km</b> | <b>2dp</b> |
|-------------|------------------------------|-----------|------------|

**Data 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 Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|             |   |           |            |
|-------------|---|-----------|------------|
| <b>D5.5</b> | <b>Distribution mains cleaned for quality</b> | <b>km</b> | <b>2dp</b> |
|-------------|---|-----------|------------|

**Data Definition:** The lengths of mains cleaned in the report year expressed in kilometres as part of the quality enhancement programme.

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|             |                  |           |            |
|-------------|------------------|-----------|------------|
| <b>D5.6</b> | <b>New mains</b> | <b>km</b> | <b>2dp</b> |
|-------------|------------------|-----------|------------|

**Data Definition:** Length of new mains laid in report 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 Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|             |                        |           |            |
|-------------|------------------------|-----------|------------|
| <b>D5.7</b> | <b>Mains abandoned</b> | <b>km</b> | <b>2dp</b> |
|-------------|------------------------|-----------|------------|

**Data Definition:** Length of main taken out of service in the report year. Include mains left in ground or where pipe bursting techniques have been used. Do not use for changes in size classification. Note: reductions in length should be treated as positive changes (in the same way as abandoned lengths) and increases in length should be treated as negative changes.

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |                      |           |            |
|--------------|----------------------|-----------|------------|
| <b>D5.7a</b> | <b>Other Changes</b> | <b>km</b> | <b>2dp</b> |
|--------------|----------------------|-----------|------------|

**Data Definition:** Include changes to mains length data (eg correction of previous errors or removal of non-potable lengths). Note: reductions in length should be treated as positive changes (in the same way as abandoned lengths) and increases in length should be treated as negative changes.

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|             |  |           |            |
|-------------|--|-----------|------------|
| <b>D5.8</b> | <b>Total length of mains (closing balance)</b> | <b>km</b> | <b>2dp</b> |
|-------------|--|-----------|------------|

**Data Definition:** Total length of mains, potable water. Company to state in the commentary box if definition of "main" is size related (give minimum size) or based on other criteria (e.g. in public road). Raw water mains to be treated as aqueducts. Report in the commentary box on partially treated or non-potable mains.

**Processing Rules:** Sum of D5.1, D5.2 and D5.6 minus D5.7 minus D5.7a

**Previous References:** Ofwat 07  WICS 06

|             |  |           |            |
|-------------|--|-----------|------------|
| <b>D5.9</b> | <b>Lead communication pipes replaced - quality</b> | <b>nr</b> | <b>0dp</b> |
|-------------|--|-----------|------------|

**Data 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. Note: Report year.

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |   |    |     |
|--------------|---|----|-----|
| <b>D5.10</b> | <b>Lead communication pipes replaced - maintenance or other</b> | nr | Odp |
|--------------|---|----|-----|

**Data Definition:** 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 8.9. 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 Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |   |    |     |
|--------------|---|----|-----|
| <b>D5.11</b> | <b>Communication pipes replaced - other</b> | nr | Odp |
|--------------|---|----|-----|

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

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |  |    |     |
|--------------|--|----|-----|
| <b>D5.12</b> | <b>Total number of district metered area in SW supply area</b> | nr | Odp |
|--------------|--|----|-----|

**Data Definition:** Total number of district meter areas contained within the total water supply area of SW. District meter areas 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 Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |   |    |     |
|--------------|---|----|-----|
| <b>D5.13</b> | <b>Number of additional district metered areas validated during the report year</b> | nr | 0dp |
|--------------|---|----|-----|

**Data Definition:** Number of district meter areas updated during the report year. Updating of district meter areas should comply with the good practice contained in the UKWIR "Manual for DMA Practice" or follow other demonstrable good practice.

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |   |    |     |
|--------------|---|----|-----|
| <b>D5.14</b> | <b>Total number of valid DMAs at the year end</b> | nr | 0dp |
|--------------|---|----|-----|

**Data Definition:** Total number of valid district metered areas 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 Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |  |   |     |
|--------------|--|---|-----|
| <b>D5.15</b> | <b>Additional % of population covered by district metered areas validated in the report year</b> | % | 3dp |
|--------------|--|---|-----|

**Data Definition:** 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 Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |  |          |            |
|--------------|--|----------|------------|
| <b>D5.16</b> | <b>Total % of population covered by valid district metered areas</b> | <b>%</b> | <b>3dp</b> |
|--------------|--|----------|------------|

**Data Definition:** Total percentage of the population served by SW residing within valid district meter areas. Formula to be used: (Total number of population residing within updated DMAs/Total population served by authority) x100.

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |  |          |            |
|--------------|--|----------|------------|
| <b>D5.17</b> | <b>Percentage of total connections covered by valid DMAs</b> | <b>%</b> | <b>3dp</b> |
|--------------|--|----------|------------|

**Data Definition:** Total water connections within valid district meter area as a percentage of total water connections. Formula to be used: (Total number connections within updated DMAs/Total connections) x100.

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06

|              |  |          |            |
|--------------|--|----------|------------|
| <b>D5.18</b> | <b>Percentage of total network covered by valid DMAs</b> | <b>%</b> | <b>3dp</b> |
|--------------|--|----------|------------|

**Data Definition:** Percentage of the total network covered by valid district meter areas. Formula to be used: (Total length of mains covered by updated DMAs/Total length of mains in SW's area) x100.

**Processing Rules:** Input field.

**Previous References:** Ofwat 07  WICS 06