Section: A   Base Information

Table: A3   Population, volumes and loads (Wastewater)

A3.1	Winter	000	3dp

Data Definition: Population supplied during the reporting year in SW's area of supply. Include population served by bulk supplies received. The population should be obtained from the most recent ONS or local authority estimates, or SW's update of these estimates.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: -   WICS 06 Ref: A3.81

A3.2	Summer	000	3dp

Data Definition: Population (winter) supplied during the reporting year in SW's area of supply plus the holiday and tourist population defined below. The holiday and tourist population can be obtained from the tourist board estimates of the number of bed spaces available for non-residents.

Except where there is firm evidence to the contrary, SW should use a population based on a 2/3rds occupancy.
rate for the peak summer month. Note that the resultant figure will be additional to the resident population. Exclude any allowance for daily commuters.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: -   WICS 06 Ref: A3.82

A3.3	Household population connected to the wastewater service	000	3dp

Data Definition: Total winter population connected to the wastewater service.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: | - | WICS 06 Ref: | A3.83 |

A3.4	Assumed percentage returned to sewer	%	3dp

Data Definition: Assumed percentage of delivered water that is returned to the sewerage system.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: | - | WICS 06 Ref: | A3.84 |

A3.5	Unmeasured household volume (including exempt)	Ml/d	2dp

Data Definition: Volume of sewage discharged by unmeasured household properties. To ensure consistency with reported volumes in England and Wales, this should be set at 95% of the volumes of water delivered.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: | T14, L1 | WICS 06 Ref: | A4. 1 |

A3.6	Measured household volume	Ml/d	3dp

Data Definition: Volume of sewage discharged by measured household properties. If this is not set to 95% of water delivered, the reasons should be explained.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: - WICS 06 Ref: -

A3.7	Unmeasured non-household foul volume (including exempt)	Ml/d	3dp

Data Definition: Volume of domestic sewage discharged by unmeasured non-household properties. To ensure consistency with reported volumes in England and Wales, this should be set at 95% of the volumes of water delivered.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: T14, L2 WICS 06 Ref: -

A3.8	Measured non-household foul volume	Ml/d	3dp

Data Definition: Volume of domestic sewage discharged by measured non-household properties. This should include the domestic allowance of any trade effluent discharges.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: - WICS 06 Ref: -

A3.9	Trade effluent volume	Ml/d	3dp

Data Definition: Volume of trade effluent discharged to sewerage system. Trade effluent in any discharge which is not "domestic".

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: | T14, L5 | WICS 06 Ref: | A4. 16 |

A3.10	Total volume	Ml/d	3dp

Data Definition: Volume of sewage (both domestic and trade effluent) discharged to sewerage system by measured and unmeasured household and non household property.

Processing Rule: The sum of lines A2.39 to A2.43

Field Type: Calculated

Previous References: Ofwat 07 Ref: | T14, L3 + L4 | WICS 06 Ref: | A4.18 |

A3.11	Volume septic tank waste	Ml/d	3dp

Data Definition: The total volume of private and public septic tank waste received at sewage treatment works.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: | T14, L8 | WICS 06 Ref: | A4.19 |

A3.12	Unmeasured household load (including exempt)	tonnes	3dp

Data Definition: Total BOD load per year (tonnes) from unmeasured household effluent. Exclude septic tank waste. This is based on a figure of 60g/p/day BOD.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: - WICS 06 Ref: -

A3.13	Measured household load	tonnes	3dp

Data Definition: Total BOD load per year (tonnes) from measured household effluent. Exclude septic tank waste. This is based on a figure of 60g/p/day BOD.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: - WICS 06 Ref: -

A3.14	Unmeasured non-household foul load (including exempt)	tonnes	3dp

Data Definition: Total BOD load per year (tonnes) from unmeasured non-household effluent. Exclude septic tank waste. Where this differs from a figure of 60g/p/day BOD, this should be explained in the commentary.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: - WICS 06 Ref: -

A3.15	**Measured non-household foul load**	**tonnes**	**3dp**

Data Definition: Total BOD load per year (tonnes) from measured non-household effluent This should include any domestic element of trade effluent discharges Exclude septic tank waste. Where this differs from a figure of 60g/day BOD, this should be explained in the commentary.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: [-] WICS 06 Ref: [-]

A3.16	**Trade effluent load**	**tonnes**	**3dp**

Data Definition: This is the total trade effluent BOD load in tonnes BOD/year. This must be as billed and charged.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: [-] WICS 06 Ref: [-]

A3.17	**Total load discharged from primary services**	**tonnes**	**3dp**

Data Definition: Total BOD load per year (tonnes) from all primary services. Excludes septic tank waste.

Processing Rule: The sum of lines A3.12 to A3.16

Field Type: Calculated

Previous References: Ofwat 07 Ref: [-] WICS 06 Ref: [-]

A3.18	Private septic tank load	tonnes	3dp

Data Definition: Private septic tank pollutant load received at sewage treatment work (tonnes BOD/year). This should be load as charged.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: [-]   WICS 06 Ref: [-]

A3.19	Public septic tank load	tonnes	3dp

Data Definition: Public septic tank pollutant load received at sewage treatment works (BOD (tonnes/year). This should be load as charged.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: [-]   WICS 06 Ref: [-]

A3.20	Other tanker load	tonnes	3dp

Data Definition: Total tanker load (COD) from other sources receiving secondary treatment. This includes tankered liquid waste from industry and any other non-core activities which is treated at sewage treatment works providing secondary treatment or better. Exclude septic tank waste.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: [-]   WICS 06 Ref: [-]

A3.21	Total load entering sewerage system (BOD/yr)	tonnes	3dp

Data Definition: Total pollution load in tonnes BOD/year which is discharged to the sewerage system.

Processing Rule: The sum of lines A2.51 to A2.54

Field Type: Calculated

Previous References:

Ofwat 07 Ref:	-	WICS 06 Ref:	A4.34

A3.22	Average COD concentration	mg/l	2dp

Data Definition: Average COD concentration in sewerage area. This is used to calculate the charge for a discharge of trade effluent. This should be for the region as a whole, and not just for trade effluent.

Processing Rule: Input field

Field Type: Input

Previous References:

Ofwat 07 Ref:	T15, L22	WICS 06 Ref:	A4.35

A3.23	Average suspended solids concentration	mg/l	2dp

Data Definition: Average concentration of suspended solids in sewerage area. This is used to calculate the charge for a discharge of trade effluent. This should be for the region's effluent as a whole, and not just for trade effluent.

Processing Rule: Input field

Field Type: Input

Previous References:

Ofwat 07 Ref:	T15, L23	WICS 06 Ref:	A4.36

A3.24	Equivalent population served (resident)	000	3dp

Data Definition: Equivalent population should be calculated on the basis of 60g BOD5 per capita per day. Imported effluents should be included in calculation. No account should be taken of holiday population.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: - WICS 06 Ref: A4.37

A3.25	Equivalent population served (resident)(numerical consents)	000	3dp

Data Definition: Equivalent population should be calculated on the basis of 60g BOD5 per capita per day. Imported effluents should be included in calculation. No account should be taken of holiday population.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: - WICS 06 Ref: A4.38

A3.26	Total load receiving treatment through PPP treatment works	tonnes	3dp

Data Definition: The total load receiving treatment through PPP works.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: - WICS 06 Ref: A4.39

A3.27	Total sewage sludge disposal	ttds	3dp

Data Definition: Total for all sewage sludge disposal. This should include disposal to farmland, landfill, incineration, composted, land reclamation, and other.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: | T15, L47 | WICS 06 Ref: | A4.52 |

A3.28	Total sewage sludge disposal by PPP treatment works	ttds	3dp

Data Definition: Total for all sewage sludge disposal by PPP works which shall include disposal to other authorised outlets such as farmland, landfill, incineration, composted, land reclamation etc.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: | - | WICS 06 Ref: | New line |

A3.29	Percentage unsatisfactory sludge disposal	%	2dp

Data Definition: Percentage of total sludge disposal that is unsatisfactory. Give reasons for unsatisfactory disposal in the commentary and the percentages affected.

Processing Rule: Input field

Field Type: Input

Previous References: Ofwat 07 Ref: | T15, L48 | WICS 06 Ref: | A4.53 |