

PART B KEY COMPONENTS- QUALITY ENHANCEMENTS

Table B4.1W Water Services –Quality enhancement infrastructure outputs

BLOCK A Water Infrastructure improvements

1	Q&SII drinking water programme schemes	km
Full line title	The length of distribution mains to be renovated.	
Definition	The length of distribution mains in which cleaning, relining or replacement work is to be completed in each year. This work must have been justified and received (or likely to receive) technical support from DWQR. Explain in the commentary, the proportion of cleaning, relining and replacement.	
Processing rules	Input field	
Reference	New	

2	Population served by Q&SII drinking water schemes	000
Full line title	Population served by Q&SII drinking water schemes	
Definition	The population served by water quality zones which have been rehabilitated and have achieved compliance in each year. .	
Processing rules	Input field	
Reference	New	

3	Q&S III drinking water schemes	km
Full line title	The length of distribution mains to be renovated.	
Definition	The length of distribution mains to be cleaned relined or replaced in each year. This work must have been justified and received (or likely to have received) technical support from DWQR. Explain in the commentary, the proportion of cleaning, relining and replacement.	
Processing rules	Input line	
Reference	New	

4	Population served by Q&S III drinking water schemes	000
Full line title	Population served by Q&S III drinking water schemes	
Definition	The population served by water quality zones in which rehabilitation work is completed in each year.	
Processing rules	Input line	
Reference	New	

5	Q&S III environmental programme schemes	nr
Full line title	The number of sites where environmental improvements will be completed.	
Definition	<p>The number of sites where work is to be completed in the year to deal with legally imposed measures to protect the environment. All work to have been confirmed (or likely to be confirmed) by ministers.</p> <p>The cumulative total for April 2006 to March 2010 is given in the final column.</p> <p>Information provided to be consistent with that provided in the Q&SIII investment programme submission.</p>	
Processing rules	Input field	
Reference	New	

6	Q&S III environmental programme studies	nr
Full line title	The number of environmental investigations that will be completed.	
Definition	<p>The number of investigations that are to be completed in the year to deal with legally imposed measures to protect the environment. All investigations to have been confirmed (or likely to be confirmed) by ministers. The cumulative total for April 2006 to March 2010 is given in the final column.</p> <p>Information provided to be consistent with that provided in the Q&SIII investment programme submission.</p>	
Processing rules	Input field	
Reference	New	

7	Cryptosporidium (DW4) –risk assessment zones.	nr
Full line title	The number of water supply zones to be assessed.	
Definition	The number of water supply zones to be assessed in the year for risk of cryptosporidium.	
Processing rules	Input field	
Reference	New	

8	Cryptosporidium (DW4) – risk reduction -schemes	nr
Full line title	The number of schemes for cryptosporidium risk reduction in Q&SIII	
Definition	The number of schemes completed in the year and included in Q&SIII, which have been (or are likely to be) approved by ministers, to reduce risk of cryptosporidium outbreaks	
Processing rules	Input field	
Reference	New	

9	Cryptosporidium (DW4) –risk reduction – population served	000
Full line title	The population served by schemes to reduce the risk of cryptosporidium.	
Definition	The population served by water quality zones in which schemes to reduce the risk of cryptosporidium are to be completed in the year.	
Processing rules	Input field	
Reference	New	

10	Lead communication pipes replaced under quality	nr
Full line title	The number of lead communication pipes replaced or to be replaced for quality purposes.	
Definition	The number of lead communication pipes that have been or are expected to be replaced in the year to comply with the water quality regulations. Only include work that has been confirmed (or is likely to be) by the DWQR.	
Processing rules	Input field	
Reference	New	

11	Other new obligations -	nr
Full line title	Number of new obligations not identified in Q&SIII.	
Definition	Any new obligations not identified by drivers in Q&SIII. Detail of these obligations should be given in the commentary.	
Processing rules	Input field	
Reference	New	

12	Q&S III Drinking water programme (volume)	(MI/d)
Full line title	Q&S III Drinking water programme (volume)	
Definition	The volume of water delivered in each year which is subject to the required quality improvement.	
Processing rules	Input field	
Reference	New	

13	Q&S III Drinking water programme (zones)	nr
Full line title		
Definition	The number of water supply zones in which work is completed in each year for quality improvement.	
Processing rules	Input field	
Reference	New	

Table B4.2W Water service –Quality enhancement non-infrastructure outputs.

1	Q&SII drinking water programme -sites	nr
Full line title	The number of water treatment works at which work was, or is expected to be completed	
Definition	<p>The number of water treatment works at which quality enhancement improvements have been or will be completed in the year. This is work to fulfil (section 19 undertakings) and work that has been justified and received (or is likely to) technical support from the DWQR.</p> <p>Also include work to install or optimise plumbosolvency control which must also have DWQR support.</p> <p>Information provided to be consistent with that provided in the WICS18 project list.</p>	
Processing rules	Input field	
Reference	New	

2	Population served	000
Full line title	Population served by Q&S II drinking water schemes	
Definition	The population served by water treatment works at which quality enhancement improvements have been or will be completed in the year.	
Processing rules	Input line	
Reference	New	

3	Q&S III drinking water programme schemes	nr
Full line title	The number of water treatment works at which work is expected to be completed	
Definition	<p>The number of water treatment works at which quality enhancement improvements will be completed in the year. This is work to fulfil (section 19 undertakings) and work that has been justified and received (or likely to receive) technical support from the DWQR.</p> <p>Also include work to install or optimise plumbosolvency control which must also have DWQR support.</p> <p>Information provided to be consistent with that provided in the Q&SIII investment programme submission.</p> <p>The cumulative total April 2006 to March 2010 is given in the final column.</p>	
Processing rules	Input field	
Reference	New	

4	Population served	000
Full line title	Population served by Q&S III drinking water schemes	
Definition	The population served by water treatment works at which quality enhancement improvements will be completed in the year.	
Processing rules	Input field	
Reference	New	

5	Q&S III environmental programme schemes	nr
Full line title	The number of sites where environmental improvements will be completed.	
Definition	<p>The number of sites where work is to be completed each year to deal with legally imposed measures to protect the environment. All work to have been confirmed (or likely to be confirmed) by ministers.</p> <p>The cumulative total for April 2006 to March 2010 is given in the final column.</p> <p>Information provided to be consistent with that provided in the Q&SIII investment programme submission.</p>	
Processing rules	Input field	
Reference	New	

6	Q&S III environmental programme studies	nr
Full line title	The number of environmental investigations that will be completed.	
Definition	<p>The number of investigations completed in each year that are required to deal with legally imposed measures to protect the environment. All investigations to have been confirmed (or likely to be confirmed) by ministers.</p> <p>The cumulative total for April 2006 to March 2010 is given in the final column.</p> <p>Information provided to be consistent with that provided in the Q&SIII investment programme submission.</p>	
Processing rules	Input field	
Reference	New	

7	Cryptosporidium (DW4) – risk assessment -sites	nr
Full line title	The number of water treatment sites assessed.	
Definition	The number of water treatment sites to be assessed in each year for risk of cryptosporidium.	
Processing rules	Input field	
Reference	New	

8	Cryptosporidium (DW4) –risk reduction - schemes	nr
Full line title	The number of schemes for risk reduction	
Definition	The number of schemes at water treatment sites, completed in each year of Q&SIII, which have been approved (or are likely to be approved) by ministers, to reduce risk of cryptosporidium outbreaks	
Processing rules	Input field	
Reference	New	

9	Cryptosporidium (DW4 –risk reduction – population served	000
Full line title	Population served	
Definition	The population served by water treatment sites where schemes to reduce the risk of cryptosporidium are to be completed in the year.	
Processing rules	Input field	
Reference	New	

10	Other new obligations	nr
Full line title	Number of new obligations not identified in Q&SIII.	
Definition	Any new obligations not identified by drivers in Q&SIII. Detail of these obligations should be given in the commentary.	
Processing rules	Input field	
Reference	New	

Table B4.3S Wastewater services – Quality enhancement infrastructure outputs

Block A Sewer system improvements

1	Intermittent dischargers improved –Q&SII	nr
Full line title	The number of intermittent discharges improved under Q&SII.	
Definition	<p>The number of intermittent discharges where improvements completed in the year under the WICS18 project list.</p> <p>Include combined sewer overflows (CSOs) on the sewerage system and at pumping stations, emergency overflows at the inlets to sewage treatment works and storm tank discharges. Include changes confirmed within the change protocol procedure.</p>	
Processing rules	Input field	
Reference	New	

2	Intermittent discharges –Q&SIII	nr
Full line title	The number of intermittent discharges to be improved under Q&S III	
Definition	<p>The number of intermittent discharges to be improved under Q&SIII.</p> <p>Include combined sewer overflows (CSOs) on the sewage system and at pumping stations, emergency overflows, storm overflows at the inlets to sewage treatment works and storm tank discharges.</p>	
Processing rules	Input field	
Reference	New	

3	Additional sewer built	km
Full line title	The length of additional sewer built as part of the quality enhancement programme.	
Definition	The length of additional sewer built or to be built in each year as part of the quality enhancement programme (eg as part of intermittent discharge improvement schemes) or first time sewerage schemes.	
Processing rules	Input field	
Reference	New	

4	Additional sewers renewed	km
Full line title	The length of sewer renewed as part of the quality enhancement programme.	
Definition	The length of sewer renewed or to be renewed in each year as part of the quality enhancement programme (eg as part of intermittent discharge improvement schemes.)	
Processing rules	Input field	
Reference	New	

5	Sewers Upsized	km
Full line title	The length of sewer upsized as part of the quality enhancement programme.	
Definition	The length of sewer upsized as part of the quality enhancement programme (eg as part of intermittent discharge improvement schemes.)	
Processing rules	Input field	
Reference	New	

Table B4.4S Wastewater service – Quality enhancement non-infrastructure outputs

Block A Sewage treatment works improvements

1	Nr of STWs completed under Q&SII	nr
Full line title	The number of sewage treatment works enhancements completed under Q&SII.	
Definition	The number of sewage treatment works enhancements completed or to be completed during each year of Q&SII.	
Processing rules	Input field	
Reference	New	

2	P.e of STWs under Q&SII	000
Full line title	The population equivalent associated with improvements to sewage treatment works completed under Q&SII.	
Definition	The population equivalent should be calculated on the basis of 60g BOD ₅ per capita per day. Imported effluents should be included in the calculation. No account should be taken of holiday population.	
Processing rules	Input field	
Reference	New	

3	Inland discharges under Q&SIII	nr
Full line title	The number of improvements to inland sewage treatment works under Q&SIII.	
Definition	The total number of improvements to sewage treatment works discharging to inland waters for each year under Q&SIII	
Processing rules	Input field	
Reference	New	

4	P.e of inland discharges under Q&SIII	000
Full line title	The population equivalent associated with improvements to inland discharges under Q&SIII	
Definition	The population equivalent should be calculated on the basis of 60g BOD ₅ per capita per day. Imported effluents should be included in the calculation. No account should be taken of holiday population	
Processing rules	Input field	
Reference	New	

5	Estuarial & coastal discharges	nr
Full line title	The number of improvements to estuarial and coastal sewage treatment works under Q&S III	
Definition	The total number of improvements to sewage treatment works discharging to estuarial and coastal waters under Q&SIII.	
Processing rules	Input field	
Reference	New	

6	P.e of estuarial & coastal discharges	000
Full line title	The population equivalent associated with improvements to estuarial and coastal sewage treatment works under Q&SIII	
Definition	The population equivalent should be calculated on the basis of 60g BOD ₅ per capita per day. Imported effluents should be included in the calculation. No account should be taken of holiday population.	
Processing rules	Input field	
Reference	New	

Block B Sewage sludge disposal improvements

10	Additional sludge - Q&SII	ttds
Full line title	The number of improvements to estuarial and coastal sewage treatment works under Q&SII	
Definition	The total number of improvements, completed or to be completed, to sewage treatment works discharging to estuarial and coastal waters under Q&SII.	
Processing rules	Input field	
Reference	New	

11	Additional sludge –Q&SIII	ttds
Full line title	The additional sewage sludge to be disposed of in Q&SIII.	
Definition	The additional sewage sludge disposed of which results from initiatives to be completed under Q&SIII.	
Processing rules	Input field	
Reference	New	

12	Total sludge disposal Q&SIII	ttds
Full line title	Total sewage sludge disposal under Q&SIII	
Definition	The total sewage sludge to be disposed of during each year. The total output from the sewage service existing and new assets. This should include disposal to farmland, landfill, incineration and other as reported in lines 14-17 respectively	
Processing rules	Input field	
Reference	AR A4.52	

13	Unsatisfactory sewage sludge disposal	ttds
Full line title	Total unsatisfactory sewage sludge disposal	
Definition	The total amount of sewage sludge disposed of unsatisfactorily, in Q&SII. Give reasons for unsatisfactory disposal including the Regulations breached or non-adherence to Codes of Practice in the commentary and the percentage affected.	
Processing rules	Input field	
Reference	New	

14	Percentage sewage sludge to farmland -untreated	%
Full line title	Percentage sewage sludge to farmland - untreated	
Definition	Percentage of the total sewage sludge disposal to farmland which is raw.	
Processing rules	Input field	
Reference	AR A4.46	

15	Percentage sewage sludge to farmland - conventional	%
Full line title	Percentage sewage sludge to farmland - conventional	
Definition	Percentage of the total sewage sludge disposal to farmland which is conventional	
Processing rules	Input field	
Reference	AR A4.47	

16	Percentage sewage sludge to farmland -advanced	%
Full line title		
Definition	Percentage of the total sewage disposal to farmland which is advanced.	
Processing rules	Input field	
Reference	AR A4.48	

17	Percentage sewage sludge -incineration.	%
Full line title	The percentage of the total sewage sludge disposed of by incineration.	
Definition	The percentage of the total sewage sludge disposed of by incineration.	
Processing rules	Input field	
Reference	AR A4.49	

18	Sewage sludge to landfill	%
Full line title	The percentage of the total sewage sludge disposed of by landfill.	
Definition	The percentage of the total sewage sludge disposed of by landfill.	
Processing rules	Input field	
Reference	AR A4.50	

19	Sewage sludge to 'other'	%
Full line title	The percentage of the total sewage sludge disposed of by other methods.	
Definition	The percentage of the total sewage sludge disposed of by methods other than to farmland, landfill or incineration. For example: gasification, pyrolysis, composting, forestry, silviculture etc. Give the nature of the other methods in the commentary.	
Processing rules	Input field	
Reference	AR A4.51	

20	Quality related investigations	nr
Full line title	Number of investigations being completed as part of the quality programme	
Definition	Number of investigations specified as part of the quality enhancement programme, either as part of a project or the whole project. Include the year in which the report of the investigation must be completed, or is planned to be completed for consideration by the environmental regulations.	
Processing rules	Input field	
Reference	New	

21	First time sewerage schemes	nr
Full line title	Number of first time sewerage schemes completed .	
Definition	Number of schemes to be completed during each year to connect to the public sewerage system. Include the Scottish Water estimate of schemes which will fulfil the criteria for acceptance of the duty under S101A of WIA1991. Include in the commentary the basis of the numbers and an estimate of the number of properties connected.	
Processing rules	Input field	
Reference	New	

Table B4.5W – Water service – quality enhancement expenditure projections

All capital expenditure and operating costs included must reconcile with the investment plan programme submission for Q&SII &Q&SII. For 2003-04 the totals should reconcile with those in Scottish Water’s Annual Return 2004.

Block A Capital enhancement expenditure –infrastructure assets

1	Capex for agreed 2006-7 ‘early-start’ programme for water infrastructure	£m (3dp)
Full line title	Capital expenditure identified and agreed for 2006-07 ‘early start’ programme for water service infrastructure assets.	
Definition	The forecast capital expenditure associated with ‘early-start’ schemes affecting water service infrastructure assets for quality purposes. These amounts must reconcile with those agreed prior to April 2005.	
Processing rules	Input field.	
Reference	New	

2	Completion of Q&SII drinking water programme	£m (3dp)
Full line title	Capital expenditure associated with completion of the Q&SII drinking water quality enhancement programme for infrastructure assets, for which allowance was made in the SRC 2001.	
Definition	Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2001. Include only those schemes listed in the WICS18 project list. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.	
Processing rules	Input field	
Reference	New	

3	Completion of Q&SII environmental programme	£m (3dp)
Full line title	Completion of the Q&SII environmental programme (infra) for which allowance was made in the SRC2001.	
Definition	<p>Actual and forecast capital expenditure for schemes allowed in the SRC 2001.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

4	New drinking water quality programme (2002) regulations (infra)	£m (3dp)
Full line title	Capital expenditure for enhancements to infrastructure assets due to new legally enforceable water quality obligations.	
Definition	<p>Actual and forecast capital expenditure allocated to infrastructure asset improvements due to legally enforceable quality obligations confirmed (or likely to be confirmed) for Q&SIII. This will only comprise projects that have received technical support from DWQR. Do not include expenditure allocated to environmental obligations. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

5	Water Quality Mains Renovation programme	£m (3dp)
Full line title	Capital expenditure allocated to the mains renovation programme for quality reasons	
Definition	<p>Capital expenditure allocated to the mains renovation programme to fulfil (section 19 undertakings) for quality purposes. This only includes expenditure associated with S19 authorisations which continue the programme started in 1989.</p> <p>It does not include S19 authorisations where further maintenance is required. Do not include any expenditure proportionally allocated to maintenance, supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

6	Lead communication pipe replacement (infra)	£m (3dp)
Full line title	Total expenditure allocated to the replacement of lead communication pipes for quality reasons and confirmed by the DWQR.	
Definition	<p>Capital expenditure allocated to the replacement of lead communication pipes for quality purposes that has received technical support from the DWQR, usually as part of the strategic programme of lead pipe replacement. This should exclude expenditure proportionally allocated to leakage reduction, and it must not include lead communication pipe replacement as part of maintenance programmes.</p> <p>Do not include any expenditure proportionally allocated to maintenance, supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

7	New environmental quality obligations (infra)	£m (3dp)
Full line title	Capital expenditure for enhancement of infrastructure assets required to fulfil new environmental obligations.	
Definition	Capital expenditure allocated to infrastructure asset improvements due to new legally enforceable environmental obligations confirmed for the Q&SIII programme. This will only include projects that have received (or are likely to receive) technical support from SEPA and confirmed (or likely to be confirmed) as required by ministers. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.	
Processing rules	Input field	
Reference	New	

8	Other new obligations inc. SEMD (infra)	£m (3dp)
Full line title	Capital expenditure for enhancement of infrastructure assets required to fulfil other new obligations	
Definition	Capital expenditure for enhancement of infrastructure assets required to fulfil other new obligations. This deals with other legal obligations not specifically dealt with by the drinking water quality or environmental programme, e.g. the Security and Emergency Measures Direction	
Processing rules	Input field	
Reference	New	

9	Q&S III Quality programme (infra) – excluding early start	£m (3dp)
Full line title	The sub-total of capital expenditure allocated to the water service infrastructure quality enhancement programme – pre synergies/efficiency	
Definition	The pre synergies/efficiency sub total of capital expenditure for the water service infrastructure Q&SIII quality programme, excluding early starts (line 1)	
Processing rules	Calculated field: sum of lines 4-8.	
Reference	New	

Block B –Adjustments

15	Adjustment for synergies with capital maintenance (infra)	£m (3dp)
Full line title	Adjustment to line 9 for synergies with capital maintenance adjustment.	
Definition	<p>This line takes account of the reduced need for quality expenditure, as a result of a capital maintenance programme, due to the synergies being achieved for example, through joint working on more than one project on the same site.</p> <p>These are in addition to expenditure allocation set out in proportional allocation in Q&SIII investment programme submission.</p>	
Processing rules	Input field	
Reference	New	

16	Adjustments to line 9 to reflect base maintenance/other functions expenditure	£m (3dp)
Full line title	Adjustments to line 9 to reflect base maintenance programme & other functional expenditure	
Definition	<p>Deduct from line 9 any expenditure which reduces quality enhancement expenditure due to overlap with base maintenance and any other functional expenditure other than that adjustment made in accordance with line 15</p> <p>For example, where separate projects require work on the same treatment element or process.</p> <p>Please specify the proportions between functions (Supply/demand, service enhancements etc) in your commentary</p>	
Processing rules	Input field.	
Reference	New	

17	Overall compounded assumed improvement profile (capital enhancement infra)	% (2dp)
Full line title	Scottish Water's assumed overall improvement profile for water service capital enhancement (infrastructure) efficiency	
Definition	Projected annual reductions in capital enhancement expenditure on infrastructure assets compared to projected levels based on Scottish Water's current unit cost database.	
Processing rules	Input field	
Reference	New	

18	Overall compounded assumed improvement profile (capital enhancement -infra)	£m (3dp)
Full line title	Scottish Water's assumed overall improvement profile for water service capital enhancement (infrastructure) efficiency	
Definition	Projected annual reductions in capital enhancement expenditure on infrastructure assets compared to projected levels based on Scottish Water's current unit cost database.	
Processing rules	Input field	
Reference	New	

19	Q&SIII quality programme (infra) –post efficiency	£m (3dp)
Full line title	Total of Q&SIII capital expenditure allocated to the water service infrastructure quality programme.	
Definition	Capital expenditure allocated to work on infrastructure assets after adjustments for overlap and synergies with maintenance and efficiency assumptions. Note: line 1 not included in overlap, synergy and efficiency calculations.	
Processing rules	Calculated field: line 9 minus lines 15, 16 & 18	
Reference	New	

25	Total Quality enhancement programme expenditure (infra)	£m (3dp)
Full line title	Total Water service quality programme (infra)	
Definition	Capital expenditure allocated to work on water service infrastructure assets including Q&SII and Q&S III (after adjustments for overlap and synergies with maintenance and efficiency assumptions). Includes early start programme –line 1.	
Processing rules	Calculated field –lines 1,2,3, & 19	
Reference	New	

Table B4.6W –Water Service –Quality enhancement expenditure projections (Non-Infrastructure)

Block A Capital enhancement expenditure for non-infrastructure assets

1	Capex for agreed 2006-07 'early-start' programme for water service (non-infra)	£m (3dp)
Full line title	Capital expenditure identified and agreed for 2006-07 'early start' programme for water service non-infrastructure assets.	
Definition	The forecast capital expenditure associated with 'early-start' schemes affecting water service non- infrastructure assets for quality purposes. These amounts must reconcile with those agreed prior to April 2005.	
Processing rules	Input field.	
Reference	New	

2	Completion of Q&SII drinking water programme	£m (dp)
Full line title	Capital expenditure associated with completion of the Q&SII drinking water quality enhancement programme for non-infrastructure assets, for which allowance was made in the SRC 2001.	
Definition	Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2001. Include only those schemes listed in the WICS 18 project list.. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.	
Processing rules	Input field	
Reference	New	

3	Completion of Q&SII environmental programme	£m (3dp)
Full line title	Completion of the Q&SII environmental programme (non-infra) for which allowance was made in the SRC2001.	
Definition	Actual and forecast capital expenditure for schemes allowed in the SRC 2001. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.	
Processing rules	Input field	
Reference	New	

4	New drinking water quality programme (2002) regulations (non-infra)	£m (3dp)
Full line title	Capital expenditure for enhancements to non-infrastructure assets due to new legally enforceable water quality obligations.	
Definition	Actual and forecast capital expenditure allocated to non-infrastructure asset improvements due to legally enforceable quality obligations confirmed for Q&SIII. Include proposed work to improve the acceptability of supplies to consumers. This will only comprise projects that have received technical support from DWQR. Do not include expenditure allocated to environmental obligations. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.	
Processing rules	Input field	
Reference	New	

5	Cryptosporidium (SW) Directions 2003 (DW4)	£m (3dp)
Full line title	The Cryptosporidium (New Water and Sewerage Directive) 2003	
Definition	<p>The total capital expenditure required for the provision of new or enhancement of existing water service assets to comply with legal obligations, or Scottish Executive guidance relating to the Cryptosporidium quality parameter.</p> <p>The primary need for the work should have been confirmed by the quality regulators and allowed for in the Quality and Standards programme.</p>	
Processing rules	Input field	
Reference	AR Table G3. 9	

6	New environmental quality obligations (non -infra)	£m (3dp)
Full line title	Capital expenditure for enhancement of non-infrastructure assets required to fulfil new environmental obligations.	
Definition	<p>Capital expenditure allocated to non-infrastructure asset improvements due to new legally enforceable environmental obligations confirmed for the Q&SIII programme. This will only include projects that have received technical support from SEPA and confirmed (or likely to be confirmed) as required by ministers.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

7	Other new obligations inc. SEMD (infra)	£m (3dp)
Full line title	Capital expenditure for enhancement of non - infrastructure assets required to fulfil other new obligations	
Definition	Capital expenditure for enhancement of non-infrastructure assets required to fulfil other new obligations. This deals with other legal obligations not specifically dealt with by the drinking water quality or environmental programme, e.g. the Security and Emergency Measures Direction.	
Processing rules	Input Field	
Reference	New	

8	Q&S III Quality programme (non infra) – excluding early start	£m (3dp)
Full line title	The sub-total of capital expenditure allocated to the water service non infrastructure quality enhancement programme – pre synergies/efficiency	
Definition	The pre synergies/efficiency sub total of capital expenditure for the water service non infrastructure Q&SIII quality programme, excluding early starts (line 1)	
Processing rules	Calculated field: sum of lines 4-7.	
Reference	New	

Block B Adjustments

15	Adjustment for synergies with capital maintenance (non-infra)	£m (3dp)
Full line title	Adjustment to line 8 for synergies with capital maintenance adjustment.	
Definition	<p>This line takes account of the reduced need for quality expenditure, as a result of a capital maintenance programme, due to the synergies being achieved for example, through joint working on more than one project on the same site.</p> <p>These are in addition to expenditure allocation set out in proportional allocation in Q&SIII investment programme submission.</p>	
Processing rules	Input field	
Reference	New	

16	Adjustments to line 8 to reflect base maintenance/other functions expenditure (non-infra)	£m (3dp)
Full line title	Adjustments to line 8 to reflect base maintenance programme & other functional expenditure	
Definition	<p>Deduct from line 8 any expenditure which reduces quality enhancement expenditure due to overlap with base maintenance and any other functional expenditure other than that adjustment made in accordance with line 15</p> <p>For example, where separate projects require work on the same treatment element or process.</p> <p>Please specify the proportions between functions (Supply/demand, service enhancements etc) in your commentary</p>	
Processing rules	Input field.	
Reference	New	

17	Overall compounded assumed improvement profile (capital enhancement non-infra)	% (2dp)
Full line title	Scottish Water's assumed overall improvement profile for water service capital enhancement (non-infrastructure) efficiency	
Definition	Projected annual reductions in capital enhancement expenditure on non-infrastructure assets compared to projected levels based on Scottish Water's current unit cost database.	
Processing rules	Input field	
Reference	New	

18	Overall compounded assumed improvement profile (capital enhancement non-infra)	£m (3dp)
Full line title	Scottish Water's assumed overall improvement profile for water service capital enhancement (non-infrastructure) efficiency	
Definition	Projected annual reductions in capital enhancement expenditure on non-infrastructure assets compared to projected levels based on Scottish Water's current unit cost database.	
Processing rules	Input field	
Reference	New	

19	Q&SIII quality programme (non infra) –post efficiency	£m (3dp)
Full line title	Total of Q&SIII capital expenditure allocated to the water service non infrastructure quality programme.	
Definition	Capital expenditure allocated to work on non infrastructure assets after adjustments for overlap synergies with maintenance and efficiency assumptions. Note: line 1 not included in overlap, synergy and efficiency calculations.	
Processing rules	Calculated field: line 8 minus lines 15, 16 &18	
Reference	New	

25	Total Quality enhancement programme expenditure (non infra)	£m (3dp)
Full line title	Total Water service quality programme (non infra)	
Definition	Capital expenditure allocated to work on water service non infrastructure assets including Q&SII and Q&S III (after adjustments for overlap synergies with maintenance and efficiency assumptions). Includes early start programme –line 1.	
Processing rules	Calculated field –lines 1,2,3, &19	
Reference	New	

Table B4.7W –Water Service –Quality enhancement operating expenditure projections

Block A –Quality Enhancement operating expenditure

Block B Existing Water quality programme & adjustments

1	Agreed opex associated with 2006-07 'early start' projects for the water service	£m (3dp)
Full line title	Operating expenditure associated with agreed 2006-07 early start programme for the water service.	
Definition	The forecast net additional operating expenditure agreed for the capital projects identified under the 'early-start' programme for 2006-07 operating expenditure in addition to 2003-04 position.	
Processing rules	Input field	
Reference	New	

5	Completion of Q&SII drinking water programme	£m (3dp)
Full line title	Operating expenditure associated with completion of the Q&SII drinking water quality enhancement programme for which allowance was made in the SRC 2001.	
Definition	Actual and forecast operating expenditure for schemes allowed in the SRC 2001. Include only those schemes listed in the WICS18 project list. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.	
Processing rules	Input field	
Reference	New	

6	Completion of Q&SII environmental programme	£m (3dp)
Full line title	Completion of the Q&SII environmental programme for which allowance was made in the SRC2001.	
Definition	Actual and forecast operating expenditure for schemes allowed in the SRC 2001. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.	
Processing rules	Input Field	
Reference	New	

7	Total Q&SII drinking water programme	£m (3dp)
Full line title	Total Q&SII drinking water programme	
Definition	Total operating expenditure for water service quality enhancements allowed in the SRC 2001.	
Processing rules	Calculated field : Sum of lines 5 & 6	
Reference	New	

8	Adjustment to reflect base maintenance/other functional expenditure.	£m (3dp)
Full line title	Overlaps with base operating expenditure adjustment	
Definition	<p>The overlap assumed by Scottish Water between quality and base operating expenditure in addition to that set out in proportional allocation in the WICS 18 project list .</p> <p>Such efficiencies will occur when a significant proportion of assets are replaced or improved.</p> <p>Proportions of the overlap are to be provided in the commentary.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field.	
Reference	New	

9	Overall compounded assumed profile (base)	% (2dp)
Full line title	Scottish Water's assumed overall improvement profile for water service base operating expenditure efficiency	
Definition	The overall cumulative improvement in water service base operating efficiency.	
Processing rules	Input field	
Reference	New	

10	Overall compounded assumed profile (base)	£m (3dp)
Full line title	Scottish Water's assumed overall improvement profile for water service base operating expenditure efficiency	
Definition	The overall cumulative improvement in water service base operating efficiency.	
Processing rules	Input field	
Reference	New	

11	Water service-quality enhancement additional operating expenditure for Q&SII	£m (3dp)
Full line title	Water service-quality enhancement additional operating expenditure for Q&SII	
Definition	Total operating expenditure for water service quality enhancements allowed in the SRC 2001, after projected further adjustments and efficiencies	
Processing rules	Calculated field: line 7 less lines 8 & 10	
Reference	New	

Block C New Water quality programme

15	New water treatment quality programme	£m (3dp)
Full line title	Operating expenditure for enhancements to assets due to new legally enforceable water quality obligations.	
Definition	<p>Actual and forecast operating expenditure allocated to asset improvements due to legally enforceable quality obligations confirmed for Q&SIII. This will only comprise projects that have received technical support from DWQR. Do not include expenditure allocated to environmental obligations.</p> <p>This is the net additional opex for the year compared with 2003-04 base year. Include additional opex from April 2004.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels</p>	
Processing rules	Input field	
Reference	New	

16	Water distribution quality programme	£m (3dp)
Full line title	Operating expenditure allocated to the water distribution quality programme.	
Definition	<p>Operating expenditure allocated to the mains renovation programme for quality reasons. This does not include treatment that affects the distribution system, such as plumbsolvency control or softening.</p> <p>This is the net additional opex for the year compared with 2003-04 base year. Include additional opex from April 2004.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels</p>	
Processing rules	Input field	
Reference	New	

17	New environmental obligations	£m (3dp)
Full line title	Operating expenditure allocated to the environmental obligations programme.	
Definition	<p>Operating expenditure allocated to asset improvements due to new legally enforceable environmental obligations confirmed in Q&SIII programme. Do not include any opex proportionally allocated to supply/demand or enhanced service levels.</p> <p>This is the net additional opex for the year compared with 2003-04 base year. Include additional opex from April 2004.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels</p>	
Processing rules	Input field	
Reference	New	

18	Other new obligations (including SEMD)	£m (3dp)
Full line title	Additional operating expenditure to fulfil other new obligations	
Definition	<p>Additional operating expenditure to fulfil other new obligations. This deals with other legal obligations not specifically dealt with by the drinking water quality or environmental programme, e.g. the Security and Emergency Measures Directive.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p> <p>This is the net additional opex for the year compared with 2003-04 base year. Include additional opex from April 2004.</p>	
Processing rules	Input field	
Reference	New	

19	Water Q&S III quality additional operating expenditure –pre-synergies /efficiency	£m (3dp)
Full line title	The pre synergies/efficiency sub total for the Q&SIII whole of the water service quality enhancement programme operating costs.	
Definition	The sub total for the Q&SIII whole of the water service quality enhancement operating expenditure. This includes drinking water quality, environmental requirements and other obligations, all confirmed(or likely to be) as required by ministers.	
Processing rules	Calculated field: sum of lines 15 to 18.	
Reference	New	

Block D Adjustments for new water quality programme

25	Adjustment to reflect base maintenance/other functional expenditure.	£m (3dp)
Full line title	Overlaps with base operating expenditure adjustment	
Definition	<p>The overlap assumed by Scottish Water between quality and base operating expenditure in addition to that set out in proportional allocation in the Q&S III Investment programme d submission. Such efficiencies will occur when a significant proportion of assets are replaced or improved.</p> <p>Proportions of the overlap are to be provided in the commentary.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels</p>	
Processing rules	Input field.	
Reference	New	

26	Overall compounded assumed profile (opex enhancements)	% (2dp)
Full line title	Scottish Water's assumed overall improvement profile for water service enhancements operating expenditure efficiency	
Definition	The overall year on year improvement in water service enhancements operating efficiency.	
Processing rules	Input field	
Reference	New	

27	Overall compounded assumed profile (opex enhancements)	£m (3dp)
Full line title	Scottish Water's assumed overall improvement profile for water service enhancements operating expenditure efficiency	
Definition	The overall year on year improvement in water service enhancements operating efficiency.	
Processing rules	Input field	
Reference	New	

28	Q&SIII quality programme (opex)-post efficiency	£m (3dp)
Full line title	Projected additional operating expenditure to determine the 2004 water quality enhancement programme.	
Definition	Projected additional operating expenditure to determine the Q&SIII water quality enhancement programme. This comprises all the additional operating expenditure for completion of the Q&SIII programme as confirmed (or likely to be confirmed) by ministers.	
Processing rules	Calculated line: Line 19 less lines 25 &27	
Reference	New	

30	Total Water service quality enhancement additional operating expenditure	£m (3dp)
Full line title	The additional operating expenditure due to the water service quality enhancement programme.	
Definition	The net additional operating expenditure attributable to the water service quality enhancement programme, after adjustment to account for overlap synergies with base operating costs and efficiency assumptions. Includes Q&SII,Q&SIII and early start. This information will be used to inform the starting point for quality enhancement opex in 2006-07.	
Processing rules	Calculated line: sum of lines 1,11,& 28	
Reference	New	

Table B4.8S-Wastewater service-Quality enhancement expenditure. Infrastructure

1	Capex for agreed 2006-7 'early-start' programme for wastewater infrastructure	£m (3dp)
Full line title	Capital expenditure identified and agreed for 2006-07 'early start' programme for wastewater service infrastructure assets.	
Definition	<p>The forecast capital expenditure associated with 'early-start' schemes affecting wastewater service infrastructure assets for quality purposes.</p> <p>These amounts must reconcile with those agreed prior to April 2005.</p>	
Processing rules	Input field.	
Reference	New	

2	Completion of Q&SII wastewater programme	£m (3dp)
Full line title	Capital expenditure associated with completion of the Q&SII wastewater enhancement programme for infrastructure assets, for which allowance was made in the SRC 2001.	
Definition	<p>Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2001. Include only those schemes listed in WIC18.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

3	Sewerage improvement programme	£m (3dp)
Full line title	Capital expenditure for enhancements to infrastructure assets.	
Definition	<p>Actual and forecast capital expenditure allocated to infrastructure asset improvements due to quality obligations confirmed (or likely to be confirmed) for Q&SIII. This will only comprise projects that have received technical support from SEPA..</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

4	Sewerage treatment obligations –continuous discharges	£m (3dp)
Full line title	Capital expenditure associated with all sewage treatment work improvements under the Q&SIII programme.	
Definition	<p>Capital expenditure allocated to quality for infrastructure enhancement associated with sewage treatment works confirmed (or likely to be confirmed) under the Q&SIII programme. This will only comprise projects that have received technical support from SEPA.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input line	
Reference	New	

5	Q&SIII sewage sludge disposal obligations (infra)	£m (3dp)
Full line title	Capital expenditure for sewage sludge disposal improvements in the Q&SIII programme (infra)	
Definition	Capital expenditure allocated to quality for sewage sludge disposal improvements required to deal with additional sludge at remote sites to deliver the Q&SIII programme. Also any enhancements to assets to deliver specified changes to sludge disposal to meet new obligations. . Include only the additional costs in enhancing infrastructure assets	
Processing rules	Input field	
Reference	New	

6	Q&S III Quality programme (infra) – excluding early start	£m (3dp)
Full line title	The sub-total of capital expenditure allocated to the wastewater service infrastructure quality enhancement programme – pre synergies/efficiency	
Definition	The pre synergies/efficiency sub total of capital expenditure for the wastewater service infrastructure Q&SIII quality programme, excluding early starts (line 1)	
Processing rules	Calculated field: sum of lines 3-5.	
Reference	New	

Block B Adjustments

15	Adjustment for synergies with capital maintenance (infra)	£m (3dp)
Full line title	Adjustment to line 6 for synergies with capital maintenance adjustment.	
Definition	<p>This line takes account of the reduced need for quality expenditure, as a result of a capital maintenance programme, due to the synergies being achieved for example, through joint working on more than one project on the same site.</p> <p>These are in addition to expenditure allocation set out in proportional allocation in Q&SIII investment programme submission.</p>	
Processing rules	Input field	
Reference	New	

16	Adjustments to line 6 to reflect base maintenance/other functions expenditure	£m (3dp)
Full line title	Adjustments to line 6 to reflect base maintenance programme & other functional expenditure	
Definition	<p>Deduct from line 6 any expenditure which reduces quality enhancement expenditure due to overlap with base maintenance and any other functional expenditure other than that adjustment made in accordance with line 15</p> <p>For example, where separate projects require work on the same treatment element or process.</p> <p>Please specify the proportions between functions (Supply/demand, service enhancements etc) in your commentary</p>	
Processing rules	Input field.	
Reference	New	

17	Overall compounded assumed improvement profile (capital enhancement -infra)	% (2dp)
Full line title	Scottish Water's assumed overall improvement profile for wastewater service capital enhancement (infrastructure) efficiency	
Definition	Projected annual reductions in capital enhancement expenditure on infrastructure assets compared to projected levels based on Scottish Water's current unit cost database.	
Processing rules	Input field	
Reference	New	

18	Overall compounded assumed improvement profile (capital enhancement -infra)	£m (3dp)
Full line title	Scottish Water's assumed overall improvement profile for wastewater service capital enhancement (infrastructure) efficiency	
Definition	Projected annual reductions in capital enhancement expenditure on infrastructure assets compared to projected levels based on Scottish Water's current unit cost database.	
Processing rules	Input field	
Reference	New	

19	Q&SIII quality programme (infra) –post efficiency	£m (3dp)
Full line title	Total of Q&SIII capital expenditure allocated to the wastewater service infrastructure quality programme.	
Definition	Capital expenditure allocated to work on infrastructure assets after adjustments for overlap synergies with maintenance and efficiency assumptions. Note: line 1 not included in overlap, synergy and efficiency calculations.	
Processing rules	Calculated field: line 6 minus lines 15, 16 &18	
Reference	New	

25	Total Quality enhancement programme expenditure (infra)	£m (3dp)
Full line title	Total wastewater service quality programme (infra)	
Definition	Capital expenditure allocated to work on wastewater service infra structure assets including Q&SII and Q&S III (after adjustments for overlap synergies with maintenance and efficiency assumptions). Includes early start programme –line 1.	
Processing rules	Calculated field –lines 1,2 &19	
Reference	New	

Table B4.9S –Wastewater service- Quality enhancement expenditure projections (non-infrastructure)

1	Capex for agreed 2006-07 'early-start' programme for wastewater service (non-infra)	£m (3dp)
Full line title	Capital expenditure identified and agreed for 2006-07 'early start' programme for wastewater service non-infrastructure assets.	
Definition	<p>The forecast capital expenditure associated with 'early-start' schemes affecting wastewater service non-infrastructure assets for quality purposes.</p> <p>These amounts must reconcile with those agreed prior to April 2005.</p>	
Processing rules	Input field.	
Reference	New	

2	Completion of Q&SII wastewater programme	£m (dp)
Full line title	Capital expenditure associated with completion of the Q&SII wastewater quality enhancement programme for non-infrastructure assets.	
Definition	<p>Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2001. Include only those schemes listed in the WIC 18 project list.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

3	Sewerage improvement programme	£m (3dp)
Full line title	Capital expenditure for enhancements to non-infrastructure assets.	
Definition	<p>Actual and forecast capital expenditure allocated to non- infrastructure asset improvements due to quality obligations confirmed (or likely to be confirmed) for Q&SIII. This will only comprise projects that have received technical support from SEPA..</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

4	Sewerage treatment obligations –continuous discharges	£m (3dp)
Full line title	Capital expenditure associated with sewage treatment work improvements under the Q&SIII programme.	
Definition	<p>Capital expenditure allocated to quality for sewage treatment works confirmed (or likely to be confirmed) under the Q&SIII programme. This will only comprise projects that have received technical support from SEPA.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input line	
Reference	New	

5	Q&SIII sewage sludge disposal obligations (non-infra)	£m (3dp)
Full line title	Capital expenditure for sewage sludge disposal improvements in the Q&SIII programme (non-infra)	
Definition	Capital expenditure allocated to quality for sewage sludge disposal improvements required to deal with additional sludge at remote sites to deliver the Q&SIII programme. Also any enhancements to assets to deliver specified changes to sludge disposal to meet new obligations. .	
Processing rules	Input field	
Reference	New	

6	Q&S III Quality programme (non infra) – excluding early start	£m (3dp)
Full line title	The sub-total of capital expenditure allocated to the wastewater service non infrastructure quality enhancement programme – pre synergies/efficiency	
Definition	The pre synergies/efficiency sub total of capital expenditure for the wastewater service non infrastructure Q&SIII quality programme, excluding early starts (line 1)	
Processing rules	Calculated field: sum of lines 3 to5.	
Reference	New	

Block B Adjustments

15	Adjustment for synergies with capital maintenance (non-infra)	£m (3dp)
Full line title	Adjustment to line 6 for synergies with capital maintenance adjustment.	
Definition	<p>This line takes account of the reduced need for quality expenditure, as a result of a capital maintenance programme, due to the synergies being achieved for example, through joint working on more than one project on the same site.</p> <p>These are in addition to expenditure allocation set out in proportional allocation in Q&SIII investment programme submission.</p>	
Processing rules	Input field	
Reference	New	

16	Adjustments to line 6 to reflect base maintenance/other functions expenditure	£m (3dp)
Full line title	Adjustments to line 6 to reflect base maintenance programme & other functional expenditure	
Definition	<p>Deduct from line 6 any expenditure which reduces quality enhancement expenditure due to overlap with base maintenance and any other functional expenditure other than that adjustment made in accordance with line 15</p> <p>For example, where separate projects require work on the same treatment element or process.</p> <p>Please specify the proportions between functions (Supply/demand, service enhancements etc) in your commentary</p>	
Processing rules	Input field.	
Reference	New	

17	Overall compounded assumed improvement profile (capital enhancement – non -infra)	% (2dp)
Full line title	Scottish Water’s assumed overall improvement profile for wastewater service capital enhancement (non-infrastructure) efficiency	
Definition	Projected annual reductions in capital enhancement expenditure on non-infrastructure assets compared to projected levels based on Scottish Water’s current unit cost database.	
Processing rules	Input field	
Reference	New	

18	Overall compounded assumed improvement profile (capital enhancement –non-infra)	£m (3dp)
Full line title	Scottish Water’s assumed overall improvement profile for wastewater service capital enhancement (non-infrastructure) efficiency	
Definition	Projected annual reductions in capital enhancement expenditure on non-infrastructure assets compared to projected levels based on Scottish Water’s current unit cost database.	
Processing rules	Input field	
Reference	New	

19	Q&SIII quality programme (non infra) –post efficiency	£m (3dp)
Full line title	Total of Q&SIII capital expenditure allocated to the wastewater service non infrastructure quality programme.	
Definition	Capital expenditure allocated to work on non infrastructure assets after adjustments for overlap and synergies with maintenance and efficiency assumptions. Note: line 1 not included in overlap, synergy and efficiency calculations.	
Processing rules	Calculated field: line 6 minus lines 15, 16 &18	
Reference	New	

25	Total Quality enhancement programme expenditure (non infra)	£m (3dp)
Full line title	Total wastewater service quality programme (non infra)	
Definition	Capital expenditure allocated to work on wastewater service non infrastructure assets including Q&SII and Q&S III (after adjustments for overlap and synergies with maintenance and efficiency assumptions). Includes early start programme –line 1.	
Processing rules	Calculated field –lines 1,2, &19	
Reference	New	

Table B4.10S –Wastewater service –Quality enhancement operating expenditure projections

Block A –Quality Enhancement operating expenditure

Block B Existing wastewater quality programme & adjustments

1	Agreed opex associated with 2006-07 'early start' projects for the wastewater service	£m (3dp)
Full line title	Operating expenditure associated with agreed 2006-07 early start programme for the wastewater service.	
Definition	The forecast net additional operating expenditure agreed for the capital projects identified under the 'early-start' programme for 2006-07 operating expenditure in addition to 2003-04 position.	
Processing rules	Input field	
Reference	New	

5	Completion of Q&SII wastewater programme	£m (3dp)
Full line title	Operating expenditure associated with completion of the Q&SII wastewater quality enhancement programme for which allowance was made in the SRC 2001.	
Definition	Actual and forecast operating expenditure for schemes allowed in the SRC 2001. Include only those schemes listed in the WIC 18 project list. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.	
Processing rules	Input field	
Reference	New	

6	Completion of Q&SII environmental programme	£m (3dp)
Full line title	Completion of the Q&SII environmental programme for which allowance was made in the SRC2001.	
Definition	Actual and forecast operating expenditure for schemes allowed in the SRC 2001. Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.	
Processing rules	Input Field	
Reference	New	

7	Total Q&SII wastewater quality programme	£m (3dp)
Full line title	Total Q&SII wastewater programme	
Definition	Total operating expenditure for sewerage service quality enhancements allowed in the SRC 2001.	
Processing rules	Calculated field: Sum of lines 5 & 6	
Reference	New	

8	Adjustment to reflect base maintenance/other functional expenditure.	£m (3dp)
Full line title	Overlaps with base operating expenditure adjustment	
Definition	<p>The overlap assumed by Scottish Water between quality and base operating expenditure in addition to that set out in proportional allocation in the WIC 18 project list..</p> <p>Such efficiencies will occur when a significant proportion of assets are replaced or improved.</p> <p>Proportions of the overlap are to be provided in the commentary.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field.	
Reference	New	

9	Overall compounded assumed profile (base)	% (2dp)
Full line title	Scottish Water's assumed overall improvement profile for wastewater service base operating expenditure efficiency	
Definition	The overall cumulative improvement in wastewater service base operating efficiency.	
Processing rules	Input field	
Reference	New	

10	Overall compounded assumed profile (base)	£m {dp}
Full line title	Scottish Water's assumed overall improvement profile for wastewater service base operating expenditure efficiency	
Definition	The overall cumulative improvement in water service base operating efficiency.	
Processing rules	Input field	
Reference	New	

11	Wastewater service-quality enhancement additional operating expenditure for Q&SII	£m (dp)
Full line title	Wastewater service-quality enhancement additional operating expenditure for Q&SII	
Definition	Total operating expenditure for sewerage service quality enhancements allowed in the SRC 2001, after projected further adjustments and efficiencies	
Processing rules	Calculated field: Line 7 minus lines 8 & 10	
Reference	New	

Block C New Wastewater quality programme

15	Sewerage treatment quality enhancement programme	£m (3dp)
Full line title	Sewage treatment quality enhancement programme	
Definition	<p>Actual and forecast operating expenditure allocated to asset improvements due to legally enforceable quality obligations confirmed (or likely to be confirmed) for Q&SIII. This will only comprise projects that have received technical support from SEPA.</p> <p>This is the net additional opex for the year compared with 2003-04 base year. Include additional opex from April 2004.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

16	Sewage treatment quality enhancement programme	£m (3dp)
Full line title	Sewage treatment quality enhancement programme	
Definition	<p>Operating expenditure allocated to sewage treatment for quality reasons.</p> <p>This is the net additional opex for the year compared with 2003-04 base year. Include additional opex from April 2004.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels.</p>	
Processing rules	Input field	
Reference	New	

17	Sludge treatment quality enhancement programme	£m (3dp)
Full line title	Operating expenditure for sludge disposal improvements to comply with the Q&S III programme	
Definition	<p>Operating expenditure for sludge disposal improvements to comply with the Q&SIII programme</p> <p>This is the net additional opex for the year compared with 2003-04 base year. Include additional opex from April 2004.</p> <p>Do not include any opex proportionally allocated to supply/demand or enhanced service levels</p>	
Processing rules	Input field	
Reference	New	

19	Wastewater Q&S III quality additional operating expenditure –pre-synergies /efficiency	£m (3dp)
Full line title	The pre synergies/efficiency sub total for the Q&SIII whole of the wastewater service quality enhancement programme operating costs.	
Definition	The sub total for the Q&SIII whole of the wastewater service quality enhancement operating expenditure. This includes obligations, all confirmed (or likely to be) as required by ministers.	
Processing rules	Calculated field: sum of lines 15 to 17.	
Reference	New	

Block D Adjustments for new wastewater quality programme

25	Adjustment to reflect base maintenance/other functional expenditure.	£m (3dp)
Full line title	Overlaps with base operating expenditure adjustment	
Definition	<p>The overlap assumed by Scottish Water between quality and base operating expenditure in addition to that set out in proportional allocation in the Q&S III investment programme submission.</p> <p>Such efficiencies will occur when a significant proportion of assets are replaced or improved.</p> <p>Proportions of the overlap are to be provided in the commentary.</p> <p>Do not include any expenditure proportionally allocated to supply/demand or enhanced service levels</p>	
Processing rules	Input field.	
Reference	New	

26	Overall compounded assumed profile (opex enhancements)	% (2dp)
Full line title	Scottish Water's assumed overall improvement profile for wastewater service enhancements operating expenditure efficiency	
Definition	The overall year on year improvement in the wastewater service enhancements operating efficiency.	
Processing rules	Input field	
Reference	New	

27	Overall compounded assumed profile (opex enhancements)	£m (3dp)
Full line title	Scottish Water's assumed overall improvement profile for wastewater service enhancements operating expenditure efficiency	
Definition	The overall year on year improvement in wastewater service enhancements operating efficiency.	
Processing rules	Input field	
Reference	New	

28	Q&SIII quality programme (opex)-post efficiency	£m (3dp)
Full line title	Projected additional operating expenditure to determine the Q&SIII wastewater quality enhancement programme.	
Definition	Projected additional operating expenditure to determine the Q&SIII wastewater quality enhancement programme. This comprises all the additional operating expenditure for completion of the Q&SIII programme as confirmed (or likely to be confirmed) by ministers.	
Processing rules	Calculated line: Line 19 less lines 25 & 27	
Reference	New	

30	Total Wastewater service quality enhancement additional operating expenditure	£m (dp)
Full line title	The additional operating expenditure due to the wastewater service quality enhancement programme.	
Definition	The net additional operating expenditure attributable to the wastewater service quality enhancement programme, after adjustment to account for overlap synergies with base operating costs and efficiency assumptions. Includes Q&SII, Q&SIII and early start programme. This information will be used to inform the starting point for quality enhancement opex in 2006-07.	
Processing rules	Calculated line: sum of lines 1,11,& 28	
Reference	New	