

Section 6 : Enhancement Capital Expenditure

Table	1	Water infrastructure enhancement expenditure
Block	A	Previous Programme Expenditure
Line	1	Quality & Standards 2 water programme infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 2 enhancement programme for water service infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions. Includes the Q&S2 drinking water, customer service and supply/demand enhancement programmes.

Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2001.

Include expenditure only on those schemes listed in the agreed WIC18 project list.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	1	Water infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	2	Quality & Standards 3a Drinking water programme infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a drinking water quality enhancement programme for water service infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2005.

Include expenditure only on those schemes listed in the agreed Q&S3a Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	1	Water infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	3	Quality & Standards 3a Customer service programme infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a customer service enhancement programme for water service infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2005.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Section 6 : Enhancement Capital Expenditure

Table	1	Water infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	4	Quality & Standards 3a Supply/Demand infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a Supply/Demand enhancement programme for water service infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2005.

Include expenditure only on those schemes listed in the agreed Q&S3a Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	5	Quality & Standards 3a Total infrastructure expenditure

Line Definition: The calculated sub-total of Quality & Standards 3a capital expenditure associated with the water service infrastructure enhancement programme.

Processing Rule: Calculated field: line 2 plus line 3 plus line 4.

AR 07 Ref:

£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	6	Gross Quality & Standards 3b Total infrastructure expenditure (unadjusted)

Line Definition: The total actual and forecast Quality & Standards 3b capital expenditure associated with the water service infrastructure enhancement programme, prior to adjustments for: synergies, overlap and efficiency.

Gross expenditure is to be reported i.e. prior to deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	7	Quality and Standards 3b Grants & contributions associated with infrastructure expenditure

Line Definition: Grants and contributions received by the company relating to water service infrastructure enhancement expenditure for the schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	1	Water infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	8	Quality & Standards 3b Drinking water programme infrastructure expenditure

Line Definition: Actual and forecast capital expenditure associated with the Quality & Standards 3b Drinking water quality enhancement programme for water service infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	9	Quality & Standards 3b Customer service programme infrastructure expenditure

Line Definition: Actual and forecast capital expenditure associated with the Quality & Standards 3b Customer service enhancement programme for water service infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	10	Quality & Standards 3b Supply/Demand infrastructure expenditure

Line Definition: Capital expenditure associated with the Quality & Standards 3b Supply/Demand enhancement programme for water service infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	1	Water infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	11	Quality & Standards 3b Total infrastructure expenditure (unadjusted)

Line Definition: The calculated sub-total of Quality & Standards 3b capital expenditure associated with the water service infrastructure enhancement programme, prior to adjustments for: synergies, overlap and efficiency and net of grants and contributions.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Processing Rule: Calculated field: line 8 plus line 9 plus line 10.

AR 07 Ref:	£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	D	Adjustments
Line	12	Adjustment for synergies with capital maintenance infrastructure expenditure

Line Definition: Infrastructure enhancement expenditure savings resulting from synergies with the capital maintenance programme, for example, through joint working on more than one project on the same site.

The savings are deductions to be applied to the unadjusted sub-total in line 11.

Processing Rule: Input field.

AR 07 Ref:	£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	D	Adjustments
Line	13	Adjustment to reflect base maintenance/other functional overlap expenditure (proportions in commentary)

Line Definition: Infrastructure enhancement expenditure savings resulting from overlap with capital maintenance schemes (or other functional expenditure) other than any synergies savings in line 12. For example, where separate projects require work on the same treatment element or process.

The savings are deductions to be applied to the unadjusted sub-total in line 11.

Processing Rule: Input field.

AR 07 Ref:	£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	D	Adjustments
Line	14	Quality & Standards 3b Water infrastructure programme expenditure - adjusted for synergies & overlap

Line Definition: The calculated total expenditure associated with the Quality & Standards 3b water service infrastructure enhancement programme, adjusted for: synergies and overlap.

Processing Rule: Calculated field: line 11 minus line 12 minus line 13.

AR 07 Ref:	£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	1	Water infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	15	Assumed efficiency improvement (%)

Line Definition: Infrastructure enhancement expenditure savings based on forecast outperformance compared with Scottish Water's current unit cost database.

The savings are deductions to be applied to the adjusted sub-total in line 14.

Processing Rule: Input field.

AR 07 Ref:

%	2dp
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Table	1	Water infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	16	Assumed efficiency improvement (£m)

Line Definition: Infrastructure enhancement expenditure savings based on forecast outperformance compared with Scottish Water's current unit cost database.

The savings are deductions to be applied to the adjusted sub-totals in line 14.

Processing Rule: Calculated field: line 14 multiplied by line 15.

AR 07 Ref:

£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	17	Quality & Standards 3b Water Infrastructure programme expenditure (post efficiency)

Line Definition: Quality & Standards 3b water service infrastructure programme expenditure (after all adjustments).

Processing Rule: Calculated field: line 14 minus line 16.

AR 07 Ref:

£m	3dp
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Table	1	Water infrastructure enhancement expenditure
Block	F	Totals
Line	18	Total infrastructure enhancement programme expenditure (Q&S 2, 3a & 3b)

Line Definition: The calculated total water service infrastructure enhancement expenditure for all Quality & Standards programmes: 2, 3a and 3b.

Processing Rule: Calculated field: line 1 plus line 5 plus line 17.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	1	Water infrastructure enhancement expenditure
Block	G	Memo
Line	19	Desired early start infrastructure expenditure (already included in line 14 total)

Line Definition: The capital expenditure associated with 'early-start' enhancement schemes affecting water service infrastructure assets. This is expenditure Scottish Water believes would materially contribute to a smooth and efficient resource transition between Quality & Standards periods 3a and 3b (in 2007-08, 2008-09 and 2009-10) and between Quality and Standards 3b and 4 (in 2010-11 to 2013-14). This expenditure should be included in the Quality and Standards 3b rows above i.e. lines 6 to 14.

Any Q&S3b 'early Start' expenditure should be entered for either 2007-08, 2008-09 and/or 2009-10. Any Q&S4 'early start' expenditure should be entered for 2010-11 to 2013-14.

Scottish Water should provide a scheme level analysis and justification of any desired 'early start' expenditure. The relevant schemes should be included in the outputs table.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	2	Water non-infrastructure enhancement expenditure
Block	A	Previous Programme Expenditure
Line	1	Quality & Standards 2 water programme non-infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 2 enhancement programme for water service non-infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions. Includes the Q&S2 drinking water, customer service and supply/demand enhancement programmes.

Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2001.

Include expenditure only on those schemes listed in the agreed WIC18 project list.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	2	Water non-infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	2	Quality & Standards 3a Drinking water programme non-infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a drinking water quality enhancement programme for water service non-infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2005.

Include expenditure only on those schemes listed in the agreed Q&S3a Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	2	Water non-infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	3	Quality & Standards 3a Customer service programme non-infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a customer service enhancement programme for water service non-infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2005.

Include expenditure only on those schemes listed in the agreed Q&S3a Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	2	Water non-infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	4	Quality & Standards 3a Supply/Demand non-infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a Supply/Demand enhancement programme for water service non-infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2005.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	2	Water non-infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	5	Quality & Standards 3a Total non-infrastructure expenditure

Line Definition: The calculated sub totals of Quality & Standards 3a capital expenditure associated with the water service non-infrastructure enhancement programme.

Processing Rule: Calculated field: line 2 plus line 3 plus line 4.

AR 07 Ref:

£m

3dp

Section 6 : Enhancement Capital Expenditure

Table	2	Water non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	6	Gross Quality & Standards 3b Total non-infrastructure expenditure (unadjusted)

Line Definition: The total actual and forecast Quality & Standards 3b capital expenditure associated with water service non-infrastructure enhancement programme, prior to adjustments for: synergies, overlap and efficiency.

Gross expenditure is to be reported i.e. prior to deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	2	Water non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	7	Quality and Standards 3b Grants & contributions associated with non-infrastructure expenditure

Line Definition: Grants and contributions received by the company relating to water service non-infrastructure enhancement expenditure for the schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	2	Water non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	8	Quality & Standards 3b Drinking water programme non-infrastructure expenditure

Line Definition: Actual and forecast capital expenditure associated with the Quality & Standards 3b Drinking water quality enhancement programme for water service non-infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	2	Water non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	9	Quality & Standards 3b Customer service programme non-infrastructure expenditure

Line Definition: Actual and forecast capital expenditure associated with the Quality & Standards 3b Customer service enhancement programme for water service non-infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	2	Water non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	10	Quality & Standards 3b Supply/Demand non-infrastructure expenditure

Line Definition: Capital expenditure associated with the Quality & Standards 3b Supply/Demand enhancement programme for water service non-infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	2	Water non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	11	Quality & Standards 3b Total non-infrastructure expenditure (unadjusted)

Line Definition: The calculated sub-total of Quality & Standards 3b capital expenditure associated with the water service infrastructure enhancement programme, prior to adjustments for: synergies, overlap and efficiency and net of grants and contributions.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Processing Rule: Calculated field: line 8 plus line 9 plus line 10.

AR 07 Ref:

£m

3dp

Section 6 : Enhancement Capital Expenditure

Table	2	Water non-infrastructure enhancement expenditure
Block	D	Adjustments
Line	12	Adjustment for synergies with capital maintenance non-infrastructure expenditure

Line Definition: Non-infrastructure enhancement expenditure savings resulting from synergies with the capital maintenance programme, for example, through joint working on more than one project on the same site.

The savings are deductions to be applied to the unadjusted sub-total in line 11.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	2	Water non-infrastructure enhancement expenditure
Block	D	Adjustments
Line	13	Adjustment to reflect base maintenance/other functional overlap expenditure (proportions in commentary)

Line Definition: Non-infrastructure enhancement expenditure savings resulting from overlap with capital maintenance schemes (or other functional expenditure) other than any synergies savings in line 12. For example, where separate projects require work on the same treatment element or process.

The savings are deductions to be applied to the unadjusted sub-total in line 11.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	2	Water non-infrastructure enhancement expenditure
Block	D	Adjustments
Line	14	Quality & Standards 3b Water non-infrastructure programme expenditure - adjusted for synergies & overlap

Line Definition: The calculated total expenditure associated with the Quality & Standards 3b water service non-infrastructure enhancement programme, adjusted for: synergies and overlap.

Processing Rule: Calculated field: line 11 minus line 12 minus line 13.

AR 07 Ref:

£m

3dp

Table	2	Water non-infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	15	Assumed efficiency improvement (%)

Line Definition: Non-infrastructure enhancement expenditure savings based on forecast outperformance compared with Scottish Water's current unit cost database.

The savings are deductions to be applied to the adjusted sub-total in line 14.

Processing Rule: Input field.

AR 07 Ref:

%

2dp

Section 6 : Enhancement Capital Expenditure

Table	2	Water non-infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	16	Assumed efficiency improvement (£m)

Line Definition: Non-infrastructure enhancement expenditure savings based on forecast outperformance compared with Scottish Water's current unit cost database.
The savings are deductions to be applied to the adjusted sub-total in line 14.

Processing Rule: Calculated field: line 14 multiplied by line 15.

AR 07 Ref:	£m	3dp
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Table	2	Water non-infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	17	Quality & Standards 3b Water Non-Infrastructure programme expenditure (post efficiency)

Line Definition: Quality & Standards 3b Water service non-infrastructure programme expenditure (after all adjustments).

Processing Rule: Calculated field: line 14 minus line 16.

AR 07 Ref:	£m	3dp
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Table	2	Water non-infrastructure enhancement expenditure
Block	F	Totals
Line	18	Total non-infrastructure enhancement programme expenditure (Q&S 2, 3a & 3b)

Line Definition: The calculated total water service non-infrastructure enhancement expenditure for all Quality & Standards programmes: 2, 3a and 3b

Processing Rule: Calculated field: line 1 plus line 5 plus line 17.

AR 07 Ref:	£m	3dp
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Table	2	Water non-infrastructure enhancement expenditure
Block	G	Memo
Line	19	Desired early start non-infrastructure expenditure (already included in line 14 total)

Line Definition: The capital expenditure associated with 'early-start' enhancement schemes affecting water service non-infrastructure assets. This is expenditure Scottish Water believes would materially contribute to a smooth and efficient resource transition between Quality & Standards periods 3a and 3b (2007-08, 2008-09 and 2009-10) and between Quality and Standards 3b and 4 (in 2010-11 to 2013-14). This expenditure should be included in the Quality and Standards 3b rows above i.e. lines 6 to 14.

Any Q&S3b 'early start' expenditure should be entered for either 2007-08, 2008-09 and/or 2009-10. Any Q&S4 'early start' expenditure should be entered for 2010-11 to 2013-14.

Scottish Water should provide a scheme level analysis and justification of any desired 'early start' expenditure. The relevant schemes should be included in the outputs table.

Processing Rule: Input field.

AR 07 Ref:	£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	3	Wastewater infrastructure enhancement expenditure
Block	A	Previous Programme Expenditure
Line	1	Quality & Standards 2 wastewater programme infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 2 enhancement programme for wastewater service infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions. Includes the Q&S2 environmental, customer service and supply/demand enhancement programmes.

Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2001.

Include expenditure only on those schemes listed in the agreed WIC18 project list.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	3	Wastewater infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	2	Quality & Standards 3a Environmental programme infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a environmental enhancement programme for wastewater service infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2005.

Include expenditure only on those schemes listed in the agreed Q&S3a Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	3	Wastewater infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	3	Quality & Standards 3a Customer service programme infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a customer service enhancement programme for wastewater service infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2005.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Section 6 : Enhancement Capital Expenditure

Table	3	Wastewater infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	4	Quality & Standards 3a Supply/Demand infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a Supply/Demand enhancement programme for wastewater service infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for infrastructure schemes allowed in the SRC 2005.

Include expenditure only on those schemes listed in the agreed Q&S3a Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	3	Wastewater infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	5	Quality & Standards 3a Total infrastructure expenditure

Line Definition: The calculated sub-total of Quality & Standards 3a capital expenditure associated with the wastewater service infrastructure enhancement programme.

Processing Rule: Calculated field: line 2 plus line 3 plus line 4.

AR 07 Ref:

£m

3dp

Table	3	Wastewater infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	6	Gross Quality & Standards 3b Total infrastructure expenditure (unadjusted)

Line Definition: The total actual and forecast Quality & Standards 3b capital expenditure associated with the wastewater service infrastructure enhancement programme, prior to adjustments for: synergies, overlap and efficiency.

Gross expenditure is to be reported i.e. prior to deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Section 6 : Enhancement Capital Expenditure

Table	3	Wastewater infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	7	Quality and Standards 3b Grants & Contributions associated with infrastructure expenditure

Line Definition: Grants and contributions received by the company relating to wastewater service infrastructure enhancement expenditure for the schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	3	Wastewater infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	8	Quality & Standards 3b Environmental programme infrastructure expenditure

Line Definition: Actual and forecast capital expenditure associated with the Quality & Standards 3b Environmental quality enhancement programme for wastewater service infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	3	Wastewater infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	9	Quality & Standards 3b Customer service programme infrastructure expenditure

Line Definition: Actual and forecast capital expenditure associated with the Quality & Standards 3b Customer service enhancement programme for wastewater service infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	3	Wastewater infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	10	Quality & Standards 3b Supply/Demand infrastructure expenditure

Line Definition: Capital expenditure associated with the Quality & Standards 3b Supply/Demand enhancement programme for wastewater service infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

	£m	3dp
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Table	3	Wastewater infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	11	Quality & Standards 3b Total infrastructure expenditure (unadjusted)

Line Definition: The calculated sub-total of Quality & Standards 3b capital expenditure associated with the wastewater service infrastructure enhancement programme, prior to adjustments for: synergies, overlap and efficiency and net of grants and contributions.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Processing Rule: Calculated field: line 8 plus line 9 plus line 10.

AR 07 Ref:

	£m	3dp
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Table	3	Wastewater infrastructure enhancement expenditure
Block	D	Adjustments
Line	12	Adjustment for synergies with capital maintenance infrastructure expenditure

Line Definition: Infrastructure enhancement expenditure savings resulting from synergies with the capital maintenance programme, for example, through joint working on more than one project on the same site.

The savings are deductions to be applied to the unadjusted sub-total in line 11.

Processing Rule: Input

AR 07 Ref:

	£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	3	Wastewater infrastructure enhancement expenditure
Block	D	Adjustments
Line	13	Adjustment to reflect base maintenance/other - functional overlap expenditure (proportions in commentary)

Line Definition: Infrastructure enhancement expenditure savings resulting from overlap with capital maintenance schemes (or other functional expenditure) other than any synergies savings in line 12. For example, where separate projects require work on the same treatment element or process.

The savings are deductions to be applied to the unadjusted sub-total in line 11.

Processing Rule: Input

AR 07 Ref:

£m	3dp
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Table	3	Wastewater infrastructure enhancement expenditure
Block	D	Adjustments
Line	14	Quality & Standards 3b Wastewater infrastructure programme expenditure - adjusted for synergies & overlap

Line Definition: The calculated total expenditure associated with the Quality & Standards 3b wastewater service infrastructure enhancement programme, adjusted for: synergies and overlap.

Processing Rule: Calculated field: line 11 minus line 12 minus line 13.

AR 07 Ref:

£m	3dp
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Table	3	Wastewater infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	15	Assumed efficiency improvement (%)

Line Definition: Infrastructure enhancement expenditure savings based on forecast outperformance compared with Scottish Water's current unit cost database.

The savings are deductions to be applied to the adjusted sub-total in line 14.

Processing Rule: Input field.

AR 07 Ref:

%	2dp
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Table	3	Wastewater infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	16	Assumed efficiency improvement (£m)

Line Definition: Infrastructure enhancement expenditure savings based on forecast outperformance compared with Scottish Water's current unit cost database.

The savings are deductions to be applied to the adjusted sub-total in line 14.

Processing Rule: Calculated field: line 14 multiplied by line 15.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	3	Wastewater infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	17	Quality & Standards 3b Wastewater infrastructure programme expenditure (post efficiency)

Line Definition: Quality & Standards 3b wastewater service infrastructure programme expenditure (after all adjustments).

Processing Rule: Calculated field: line 14 minus line 16.

AR 07 Ref:

£m	3dp
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Table	3	Wastewater infrastructure enhancement expenditure
Block	F	Totals
Line	18	Total infrastructure enhancement programme expenditure (Q&S 2, 3a & 3b)

Line Definition: The calculated total wastewater service infrastructure enhancement expenditure for all Quality & Standards programmes: 2, 3a and 3b.

Processing Rule: Calculated field: line 1 plus line 5 plus line 17.

AR 07 Ref:

£m	3dp
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Table	3	Wastewater infrastructure enhancement expenditure
Block	G	Memo
Line	19	Desired early Start infrastructure expenditure (already included in Line 15 total)

Line Definition: The capital expenditure associated with 'early-start' enhancement schemes affecting wastewater service infrastructure assets. This is expenditure Scottish Water believes would materially contribute to a smooth and efficient resource transition between Quality & Standards periods 3a and 3b (in 2007-08, 2008-09 and 2009-10) and between Quality and Standards 3b and 4 (in 2010-11 to 2013-14). This expenditure should be included in the Quality and Standards 3b rows above i.e. lines 6 to 14.

Any Q&S3b 'early start' expenditure should be entered for either 2007-08, 2008-09 and/or 2009-10. Any Q&S4 'early start' expenditure should be entered for 2010-11 to 2013-14.

Scottish Water should provide a scheme level analysis and justification of any desired 'early start' expenditure. The relevant schemes should be included in the outputs table.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	4	Wastewater non-infrastructure enhancement expenditure
Block	A	Previous Programme Expenditure
Line	1	Quality & Standards 2 wastewater programme non-infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 2 enhancement programme for wastewater service non-infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions. Includes the Q&S2 environmental, customer service and supply/demand enhancement programmes.

Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2001.

Include expenditure only on those schemes listed in the agreed WIC18 project list.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	4	Wastewater non-infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	2	Quality & Standards 3a Environmental non-infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a environmental enhancement programme for wastewater service non-infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2005.

Include expenditure only on those schemes listed in the agreed Q&S3a Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Table	4	Wastewater non-infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	3	Quality & Standards 3a Customer service programme non-infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a customer service enhancement programme for wastewater service non-infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2005.

Processing Rule: Input field.

AR 07 Ref:

£m

3dp

Section 6 : Enhancement Capital Expenditure

Table	4	Wastewater non-infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	4	Quality & Standards 3a Supply/Demand non-infrastructure expenditure

Line Definition: Capital expenditure associated with completion of the Quality & Standards 3a Supply/Demand enhancement programme for wastewater service non-infrastructure assets. Net expenditure is to be reported i.e. after deduction of grants and capital contributions.

Actual and forecast capital expenditure for non-infrastructure schemes allowed in the SRC 2005.

Include expenditure only on those schemes listed in the agreed Q&S3a Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	B	Current Programme Expenditure
Line	5	Quality & Standards 3a Total non-infrastructure expenditure

Line Definition: The calculated sub totals of Quality & Standards 3a capital expenditure associated with the wastewater service non-infrastructure enhancement programme.

Processing Rule: Calculated field: line 2 plus line 3 plus line 4.

AR 07 Ref:

£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	6	Gross Quality & Standards 3b Total non-infrastructure expenditure (unadjusted)

Line Definition: The total actual and forecast Quality & Standards 3b capital expenditure associated with wastewater service non-infrastructure enhancement programme, prior to adjustments for: synergies, overlap and efficiency.

Gross expenditure is to be reported i.e. prior to deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	4	Wastewater non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	7	Quality and Standards 3b Grants & Contributions associated with non-infrastructure expenditure

Line Definition: Grants and contributions received by the company relating to wastewater service non-infrastructure enhancement expenditure for the schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	8	Quality & Standards 3b Environmental programme non-infrastructure expenditure

Line Definition: Actual and forecast capital expenditure associated with the Quality & Standards 3b Environmental programme for wastewater service non-infrastructure assets.
Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.
Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	9	Quality & Standards 3b Customer service programme non-infrastructure expenditure

Line Definition: Actual and forecast capital expenditure associated with the Quality & Standards 3b Customer service enhancement programme for wastewater service non-infrastructure assets.
Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	4	Wastewater non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	10	Quality & Standards 3b Supply/Demand non-infrastructure expenditure

Line Definition: Capital expenditure associated with the Quality & Standards 3b Supply/Demand enhancement programme for wastewater service non-infrastructure assets.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Include expenditure only on those schemes listed in the agreed Q&S3b Technical Expression.

Processing Rule: Input field.

AR 07 Ref:

	£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	C	Plan period expenditure
Line	11	Quality & Standards 3b Total non-infrastructure expenditure (unadjusted)

Line Definition: The calculated sub-total of Quality & Standards 3b capital expenditure associated with the wastewater service non-infrastructure enhancement programme, prior to adjustments for: synergies, overlap and efficiency and net of grants and contributions.

Net expenditure is to be reported i.e. after deduction of grants and capital contributions. This line is to include any desired 'early start' schemes proposed in line 19.

Processing Rule: Calculated field: line 8 plus line 9 plus line 10.

AR 07 Ref:

	£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	D	Adjustments
Line	12	Adjustment for synergies with capital maintenance non-infrastructure expenditure

Line Definition: Non-infrastructure enhancement expenditure savings resulting from synergies with the wastewater service capital maintenance programme, for example, through joint working on more than one project on the same site.

The savings are deductions to be applied to the unadjusted sub-total in line 11.

Processing Rule: Input field.

AR 07 Ref:

	£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	4	Wastewater non-infrastructure enhancement expenditure
Block	D	Adjustments
Line	13	Adjustment to reflect base maintenance/other functional overlap expenditure (proportions in commentary)

Line Definition: Non-infrastructure enhancement expenditure savings resulting from overlap with capital maintenance schemes (or other functional expenditure) other than any synergies savings in line 12. For example, where separate projects require work on the same treatment element or process.

The savings are deductions to be applied to the unadjusted sub-total in line 11.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	D	Adjustments
Line	14	Quality & Standards 3b Wastewater non-infrastructure programme expenditure - adjusted for synergies & overlap

Line Definition: The calculated total expenditure associated with the Quality & Standards 3b wastewater service non-infrastructure enhancement programme, adjusted for: synergies and overlap.

Processing Rule: Calculated field: line 11 minus line 12 minus line 13.

AR 07 Ref:

£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	15	Assumed efficiency improvement (%)

Line Definition: Non-infrastructure enhancement expenditure savings based on forecast outperformance compared with Scottish Water's current unit cost database.

The savings are deductions to be applied to the adjusted sub-total in line 14.

Processing Rule: Input field.

AR 07 Ref:

%	2dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	16	Assumed efficiency improvement (£m)

Line Definition: Non-infrastructure enhancement expenditure savings based on forecast outperformance compared with Scottish Water's current unit cost database.

The savings are deductions to be applied to the adjusted sub-total in line 14.

Processing Rule: Calculated field: line 14 multiplied by line 15.

AR 07 Ref:

£m	3dp
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Section 6 : Enhancement Capital Expenditure

Table	4	Wastewater non-infrastructure enhancement expenditure
Block	E	Scope for efficiency
Line	17	Quality & Standards 3b Wastewater Non-Infrastructure programme expenditure (post efficiency)

Line Definition: Quality & Standards 3b wastewater service non-Infrastructure programme expenditure (after all adjustments)

Processing Rule: Calculated field: line 14 minus line 16.

AR 07 Ref:

£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	F	Totals
Line	18	Total non-infrastructure enhancement programme expenditure (Q&S 2, 3a & 3b)

Line Definition: The calculated total wastewater service non-infrastructure enhancement expenditure for all Quality & Standards programmes: 2, 3a and 3b

Processing Rule: Calculated field: line 1 plus line 5 plus line 17.

AR 07 Ref:

£m	3dp
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Table	4	Wastewater non-infrastructure enhancement expenditure
Block	G	Memo
Line	19	Desired early Start non-infrastructure expenditure (already included in line 14 total)

Line Definition: The capital expenditure associated with 'early-start' enhancement schemes affecting wastewater service non-infrastructure assets. This is expenditure Scottish Water believes would materially contribute to a smooth and efficient resource transition between Quality & Standards periods 3a and 3b (in 2007-08, 2008-09 and 2009-10) and between Quality and Standards 3b and 4 (in 2010-11 to 2013-14). This expenditure should be included in the Quality and Standards 3b rows above i.e. lines 6 to 14.

Any Q&S3b 'early start' expenditure should be entered for either 2007-08, 2008-09 and/or 2009-10. Any Q&S4 'early start' expenditure should be entered for 2010-11 to 2013-14.

Scottish Water should provide a scheme level analysis and justification of any desired 'early start' expenditure. The relevant schemes should be included in the outputs table.

Processing Rule: Input field.

AR 07 Ref:

£m	3dp
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