

**SECTION G
CHAPTER G1**

SUMMARY – WATER SERVICE

Edition 6

TABLE G1 LINE DEFINITIONS**BLOCK 1: BASE SERVICE PROVISION/CAPITAL MAINTENANCE**

G1.1	Base operating expenditure	£m (3dp)
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Definition: The level of operating expenditure on the water network required to maintain the quantity and quality of outputs and levels of service provided by the water service in the report year. Operating expenditure excludes current cost depreciation. Base opex includes the opex incurred in the provision of services to third parties.

Processing rules: Input field

Previous references: G1.1 (Ofwat ref JR07 T35L1)

G1.2	Infrastructure Renewals Expenditure (net)	£m (3dp)
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Definition: The capital expenditure required to maintain serviceability to customers of infrastructure assets, as defined in RAR2.

Processing rules: Input field

Previous references: K1.2 (Ofwat ref JR07 T35L2)

G1.3	Maintenance Non-infrastructure (gross of grants and contributions)	£m (3dp)
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Definition: The total expenditure (gross of grants and contributions) required for the water service for maintenance of non-infrastructure assets as defined in RAR2. Expenditure is for the preservation, and where necessary the replacement, of water service non-infrastructure assets to maintain serviceability to customers.

Processing rules: Input Field

Previous references: JR07 T35L3

G1.4	Maintenance Non-infrastructure - grants and contributions	£m (3dp)
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Definition: Grants and contributions received by Scottish Water relating to water maintenance non-infrastructure expenditure.

Processing rules: Input field

Previous references: JR07 T35L4

G1.5	Maintenance Non-infrastructure (net of grants and contributions)	£m (3dp)
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Definition: The preservation and (where necessary) the replacement of water service assets defined as infrastructure, to maintain base operating capability. For this line expenditure is reported net of grants and capital contributions and is consistent with G1.4.

Processing rules: Input field

Previous references: K1.3 (Ofwat ref JR07 T35L5)

G1.6	Total capital maintenance	£m (3dp)
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Definition: The total capital expenditure net of grants and contributions required for the preservation and (where necessary) the replacement of all water service assets to maintain serviceability to customers.

Processing rules: Calculated field: the sum of lines G1.2 and G1.5

Previous references: K1.4

BLOCK 2: QUALITY ENHANCEMENTS

G1.7	Quality total capital expenditure	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of existing water service assets to meet Ministerial output objectives. The primary need for the work should have been confirmed by the quality regulators and allowed for in the Quality and Standards programme.

Processing rules: Brought forward from G3a.17

Previous references: G1.11 (Ofwat ref JR07 T35L7)

G1.8	Quality additional operating expenditure	£m (3dp)
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Definition: The additional operating expenditure in relation to the Base Year for all new, and, enhancements of existing water service assets to comply with Ministers' output objectives. The primary need for the work should have been confirmed by quality regulator and allowed for at the last price setting.

Processing rules: Input field

Previous references: G1.12 (Ofwat ref JR07 T35L8)

BLOCK 3: ENHANCED SERVICE LEVELS

G1.9	Enhanced service levels total capital expenditure	£m (3dp)
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Definition: The total capital expenditure required for the provision of enhancing service levels.

Processing rules: Brought forward from G3a.24

Previous references: Ofwat ref JR07 T35L9

G1.10	Enhanced service additional operating expenditure	£m (3dp)
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Definition: The additional operating expenditure in relation to the Base Year for all new, and, enhancements of existing water service assets to comply with Ministers' output objectives. The primary need for the work should have been confirmed by quality regulator and allowed for at the last price setting.

Processing rules: Input field

Previous references: K1.41 (Ofwat ref JR07 T35L10)

BLOCK 4: GROWTH (SUPPLY/DEMAND EXPENDITURE)

G1.11	Growth total capital expenditure	£m (3dp)
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Definition: The total gross cost of meeting growth in demand from new and existing customers.

Processing rules: Brought forward from G3a.24

Previous references: G1.16 (Ofwat ref JR07 T35L11)

G1.12	Growth additional operating expenditure	£m (3dp)
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Definition: The additional operating expenditure in relation to the Base Year which results from growth capital investment, including new development.

Processing rules: Input field

Previous references: G1.17 (Ofwat ref JR07 T35L15)

BLOCK 5: NEW OUTPUTS/OBLIGATIONS SINCE THE FINAL DETERMINATION

G1.13	New outputs/obligations total capital expenditure	£m (3dp)
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Definition: The capital expenditure to deal with new outputs required from companies for the water service, but not included in either the final determination in November 2005 or a subsequent interim determination. The specific outputs and the reasons for the change since the last price setting should be explained in the commentary.

Processing rules: Brought forward from G4a.45

Previous references: K1.47 (Ofwat ref JR07 T35L18)

G1.14	New outputs/obligations total operating expenditure	£m (3dp)
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Definition: The net additional operating expenditure compared with the base year for enhancement opex of 2004-05 to deal with new outputs required from companies for the water service, but not included in either the final determination in November 2005 or a subsequent interim determination. The specific outputs and the reasons for

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the change since the last price setting should be explained in the commentary.

Processing rules: Brought forward from G4a.46

Previous references: K1.48 (Ofwat ref JR07 T35L19)

BLOCK 6: GRANTS AND CAPITAL CONTRIBUTIONS

G1.15	Grants for infrastructure assets	£m (3dp)
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Definition: The total Grants received from third parties in the Report Year towards water services infrastructure assets. This Grant is applied to the gross infrastructure in the year to derive net expenditure e.g. European Regional Development Fund.

Processing rules: Input field

Previous references: G1.18

G1.16	Grants for non-infrastructure assets	£m (3dp)
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Definition: The total Grants received from third parties in the Report Year towards non-infrastructure assets e.g. European Regional Development Fund.

Processing rules: Input field

Previous references: G1.19

G1.17	Contributions to infrastructure assets	£m (3dp)
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Definition: The total contributions received in the Report Year towards infrastructure assets. This contribution is applied to the gross infrastructure in the year to derive net expenditure; for example, contributions towards the diversion of water mains for roadworks.

Processing rules: Input field

Previous references: G1.20

G1.18	Contributions to non-infrastructure assets	£m (3dp)
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Definition: The total Grants received in the Report Year towards non-infrastructure assets.

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Processing rules: Input field

Previous references: G1.21

SW is asked to provide in the accompanying commentary the total grants/contributions received to date for lines G1.15 to G1.18 separately, accompanied by appropriate Confidence Grades and comments. SW must separately identify customer contributions (including contributions from developers) for lines G1.17 and G1.18 for growth from any other purpose.

G1.19	Total Grants and Contributions received	£m (3dp)
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Definition: The total grants and contributions received in the Report year towards all infrastructure and non-infrastructure assets

Processing rules: Calculated field: the sums of lines G1.15 to G1.18 (inclusive)

Previous references: New Line

BLOCK 7: ADOPTED ASSETS, NIL COST ASSETS

G1.20	Adopted assets and assets acquired at nil cost	£m (3dp)
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Definition: Adopted assets and assets acquired at nil cost in the year for the water service which are included at their MEA value in Table D3 where no expenditure has been incurred.

Processing rules: Input Field

Previous references: G1.22 (Ofwat ref JR07 T35L22)

BLOCK 8: EXPENDITURE TOTALS

G1.21	Total Capital Expenditure	£m (3dp)
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Definition: Total net capital expenditure on the water service.

Processing rules: Calculated field: the sum of lines G1.6 + G1.7 + G1.9 + G1.11 + G1.13 minus G1.19

Previous references: K1.60 (Ofwat Ref JR07 T35L28)

G1.22	Total operating expenditure	£m (3dp)
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Definition: Total operating expenditure on the water service.

Processing rules: Calculated field: the sum of lines G1.1 + G1.8 + G1.10 + G1.12 + G1.14

Previous references: G1.27 (Ofwat Ref JR07 T35L24)

SECTION G

CHAPTER G2

SUMMARY – WASTEWATER SERVICE

Edition 6

BLOCK 1: BASE SERVICE PROVISION/CAPITAL EXPENDITURE

G2.1	Base operating expenditure	£m (3dp)
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Definition: The level of operating expenditure on the wastewater network required to maintain the quantity and quality of outputs and levels of service provided by the wastewater service in the report year. Operating expenditure excludes current cost depreciation. Base opex includes the opex incurred in the provision of services to third parties.

Processing rules: Input field

Previous references: G2.1 (Ofwat ref JR07 T36L1)

G2.2	Infrastructure Renewals Expenditure (net)	£m (3dp)
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Definition: The capital expenditure required to maintain serviceability to customers of the infrastructure assets as defined by RAR2.

Processing rules: Input field

Previous references: K2.2 (Ofwat ref JR07 T36L2)

G2.3	Maintenance non-infrastructure assets (gross of grants and contributions)	£m (3dp)
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Definition: The total expenditure (gross of grants and contributions) required for the sewerage service for maintenance of non-infrastructure assets as defined in RAR2. Expenditure is for the preservation and where necessary the replacement of sewerage service non-infrastructure assets to maintain serviceability.

Processing rules: Input field

Previous references: Ofwat ref JR07 T36L3

G2.4	Maintenance non-infrastructure assets - grants and contributions	£m (3dp)
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Definition: Grants and capital contributions received by Scottish Water relating to sewerage maintenance non-infrastructure expenditure.

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Processing rules: Input field

Previous references: Ofwat ref JR07 T36L4

G2.5	Maintenance non-infrastructure assets (net of grants and contributions)	£m (3dp)
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Definition: Total net sewerage capital maintenance non-infrastructure expenditure (i.e. after deducting grants and capital contributions).

Processing rules: Input field

Previous references: Ofwat ref JR07 T36L5

G2.6	Total capital maintenance	£m (3dp)
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Definition: The total capital expenditure (net of grants and contributions) required for the preservation and (where necessary) the replacement of all wastewater service assets to maintain serviceability to customers.

Processing rules: Calculated field: the sums of lines G2.2 and G2.5

Previous references: K2.4

BLOCK 2: QUALITY ENHANCEMENTS

G2.7	Quality total capital expenditure	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of existing wastewater service assets to comply with Ministers' output objectives. The primary need for the work should have been confirmed by the quality regulators and allowed for in the Quality and Standards programme.

Processing rules: Brought forward from G3b.29

Previous references: G2.11 (Ofwat ref JR07 T36L7)

G2.8	Quality additional operating expenditure	£m (3dp)
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Definition: The additional operating expenditure in relation to the Base Year for all new, and enhancements of existing wastewater service assets to comply with Ministers'

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output objectives. The primary need for the work should have been confirmed by quality regulator and allowed for at the last price setting.

Processing rules: Input field

Previous references: G2.12 (Ofwat ref JR07 T36L8)

BLOCK 3: ENHANCED SERVICE LEVELS

G2.9	Enhanced service levels total capital expenditure	£m (3dp)
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Definition: The total capital expenditure required for the provision of enhanced service levels.

Processing rules: Brought forward from G3b.32

Previous references: JR07 T36L9

G2.10	Enhanced service additional operating expenditure	£m (3dp)
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Definition: The additional operating expenditure in relation to the Base Year which results from enhanced service levels.

Processing rules: Input field

Previous references: K2.45 (JR07 T36L10)

BLOCK 4: GROWTH (SUPPLY/DEMAND EXPENDITURE)

G2.11	Growth total capital expenditure	£m (3dp)
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Definition: The total gross cost of meeting growth in demand from new and existing customers.

Processing rules: Brought forward from G3b.36

Previous references: G2.16 (Ofwat ref JR07 T36L11)

G2.12	Growth additional operating expenditure	£m (3dp)
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Definition: The additional operating expenditure in relation to the Base Year which results from growth capital investment, including new development.

Processing rules: Input field

Previous references: G2.17 (Ofwat ref JR07 T36L15)

BLOCK 5: NEW OUTPUTS/OBLIGATIONS SINCE THE FINAL DETERMINATION

G2.13	New outputs/obligations total capital expenditure	£m (3dp)
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Definition: The capital expenditure to deal with new outputs required from Scottish Water for the sewerage service, but not included in either the final determination in November 2005 or a subsequent interim determination. The specific outputs and the reasons for the change since the last price setting should be explained in the commentary.

Processing rules: Brought forward from G3b.31

Previous references: K2.51 (JR07 T36L16)

G2.14	New outputs/obligations total operating expenditure	£m (3dp)
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Definition: The net additional operating expenditure compared with the base year for enhancement opex of 2004-05 to deal with new outputs required from Scottish Water for the sewerage service, but not included in either the final determination in November 2005 or a subsequent interim determination. The specific outputs and the reasons for the change since the last price setting should be explained in the commentary.

Processing rules: Brought forward from G3b.32

Previous references: K2.52 (JR07 T36L17)

BLOCK 6: GRANTS AND CAPITAL CONTRIBUTIONS

G2.15	Grants for infrastructure assets	£m (3dp)
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Definition: The total Grants received from third parties in the Report Year towards wastewater services infrastructure assets. This Grant is applied to the gross infrastructure in the year to derive net expenditure e.g. European Regional Development Fund.

Processing rules: Input field

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Previous references: G2.18

G2.16	Grants for non-infrastructure assets	£m (3dp)
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Definition: The total Grants received from third parties in the Report Year towards non-infrastructure assets. e.g. European Regional Development Fund.

Processing rules: Input field

Previous references: G2.19

G2.17	Contributions to infrastructure assets	£m (3dp)
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Definition: The total contributions received in the Report Year towards infrastructure assets. This contribution is applied to the gross infrastructure in the year to derive net expenditure; for example, contributions towards the diversion of sewers for roadworks.

Processing rules: Input field

Previous references: G2.20

G2.18	Contributions to non-infrastructure assets	£m (3dp)
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Definition: The total Grants received in the Report Year towards non-infrastructure assets.

Processing rules: Input field

Previous references: G2.21

G2.19	Total Grants and Contributions received	£m (3dp)
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Definition: The total Grants received in the Report Year towards infrastructure and non-infrastructure assets.

Processing rules: Calculated field: the sums of lines G2.15 to G2.18 (inclusive)

Previous references: New Line

SW is asked to provide in the accompanying commentary the total grants/contributions received to date for lines G2.15 to G2.18 respectively, accompanied by appropriate Confidence Grades and comments.

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SW must separately identify customer contributions (including contributions from developers) for lines G1.17 and G1.18 for growth from any other purpose.

BLOCK 7: ADOPTED ASSETS, NIL COST ASSETS

G2.20	Adopted assets and assets acquired at nil cost	£m (3dp)
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Definition: Adopted assets and assets acquired at nil cost in the year for the wastewater service which are included at their MEA value in Table D3 where no expenditure has been incurred.

Processing rules: Input Field

Previous references: G2.22 (Ofwat ref JR07 T36L20)

BLOCK 8: EXPENDITURE TOTALS

G2.21	Total capital expenditure	£m (3dp)
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Definition: Total capital Expenditure on the wastewater service, net of any grants or contributions.

Processing rules: Calculated field: the sum of lines G2.6 + G2.7 + G2.9 + G2.11 + G2.13 minus G2.19

Previous references: K2.64 (Ofwat ref JR07 T36L25)

G2.22	Total operating expenditure	£m (3dp)
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Definition: Total operating expenditure on the wastewater service.

Processing rules: Calculated field: the sum of lines G2.1 + G2.8 + G2.10 + G2.12 + G2.14

Previous references: G2.27 (Ofwat ref JR07 T36L21)

**SECTION G
CHAPTER G3a**

Q&S 2 Delivery – Water Service

Edition 6

LINE DEFINITIONS:**BLOCK 1: BASE SERVICE PROVISION/CAPITAL MAINTENANCE**

G3a.1	Water Quality (Wa1)	£m (3dp)
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Definition: The total capital expenditure required for the provision of maintaining the required levels of Water Quality in supplies.

Processing rules: Input field

Previous references: New line

G3a.2	Water Availability (Wa2)	£m (3dp)
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Definition: The total capital expenditure required for the provision of maintaining Water Availability.

Processing rules: Input field

Previous references: New line

G3a.3	Pressure (Wa3)	£m (3dp)
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Definition: The total capital expenditure required for the provision of maintaining the required levels of pressure.

Processing rules: Input field

Previous references: New line

G3a.4	Interruptions to supply (Wa4)	£m (3dp)
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Definition: The total capital expenditure required for the provision of reducing the number of interruptions to supplies.

Processing rules: Input field

Previous references: New line

G3a.5	Water Service Infrastructure Assets (Wa5)	£m (3dp)
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Definition: The total capital expenditure required for the provision of maintaining Water Service Infrastructure Assets.

Processing rules: Input field

Previous references: New line

G3a.6	Water Service non-Infrastructure Assets (Wa6)	£m (3dp)
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Definition: The total capital expenditure required for the provision of maintaining Water Service non-Infrastructure Assets.

Processing rules: Input field

Previous references: New line

G3a.7	Base Service water support service assets (WM3)	£m (3dp)
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Definition: The total capital expenditure required for the provision of maintaining Base Service water support service assets.

Processing rules: Input field

Previous references: New line

G3a.8	Total Base Service Provision/Capital Maintenance expenditure	£m (3dp)
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Definition: The total capital expenditure required for Base Service Provision/Capital Maintenance Expenditure.

Processing rules: Calculated field: the sums of lines G3.1 to G3.7 (inclusive)

Previous references: New line

BLOCK 2: QUALITY ENHANCEMENTS DRINKING WATER DIRECTIVE (98/83 EC)

G3a.9	Lead Capex [DW1]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of existing water service assets to comply with Ministers' output objectives relating to the Lead quality parameter. The primary need for the work should have been confirmed by the quality regulators and allowed for in the Quality and Standards programme.

Processing rules: Input field

Previous references: G3.1

G3a.10	Trihalomethanes capex [DW2]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of existing water service assets to comply with Ministers' output objectives relating to the trihalomethanes quality parameter. The primary need for the work should have been confirmed by the quality regulators and allowed for in the Quality and Standards programme.

Processing rules: Input Field

Previous references: G3.3

G3a.11	Other parameters (specify) capex [DW3]	£m (3dp)
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Definition: 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 other water quality parameters. The primary need for the work should have been confirmed by the quality regulators and allowed for in the Quality and Standards programme.

Processing rules: Input field

Previous references: G3.5

G3a.12	Total Drinking Water Directive capital expenditure	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of existing water service assets to comply with Ministers' output objectives relating to the Total Drinking Water Directive. The primary need for the work should have been confirmed by the quality regulators and allowed for in the Quality and Standards programme.

Processing rules: Calculated field: The sum of lines (G3.9+G3.10+G3.11)

Previous references: G3.7

BLOCK 3: THE CRYPTOSPORIDIUM DIRECTIONS 2000 & 2003

G3a.13	Cryptosporidium capital expenditure [DW4]	£m (3dp)
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Definition: The additional operating expenditure in relation to the Base Year for all new, and enhancements of existing water service assets to comply with Ministers' output objectives relating to the other water quality parameters. The primary need for the work should have been confirmed by quality regulator and allowed for at the last price setting.

Processing rules: Input field

Previous references: G3.9

BLOCK 4: WATER MAINS REHABILITATION

G3a.14	Mains rehabilitation capital expenditure [DW5]	£m (3dp)
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Definition: The total capital expenditure required for the provision of mains rehabilitation and comply with Ministers' output objectives relating to mains rehabilitation. The primary need for the work should have been confirmed by the quality regulator and allowed for in the Quality and Standards programme.

Processing rules: Input field

Previous references: G3.11

BLOCK 5: THE ABSTRACTION DIRECTIVE

G3a.15	Total capital expenditure [DW6]	£m (3dp)
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Definition: The total capital expenditure required to comply with Minister outputs objectives on the Abstraction directive.

Processing rules: Input field

Previous references: G3.13

BLOCK 6: THE BIRDS DIRECTIVE, THE HABITATS DIRECTIVE

G3a.16	Total capital expenditure [DW7]	£m (3dp)
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Definition: The total capital expenditure required to comply with Minister outputs objectives for either The Birds directive or The Habitats Directive.

Processing rules: Input field

Previous references: G3.15

BLOCK 7: TOTAL QUALITY ENHANCEMENTS CAPITAL EXPENDITURE

G3a.17	Total Quality Enhancements capital expenditure	£m (3dp)
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Definition: The total capital expenditure required to deliver the required quality enhancements.

Processing rules: Calculated field: the sum of Lines G3a.12 to G3a.16 (inclusive).

Previous references: Ofwat ref JR07 T35L7

BLOCK 8: ENHANCED SERVICE LEVELS

G3a.18	Enquiries [Cs1]	£m (3dp)
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Definition: The total capital expenditure required for the provision of enhancing the ability of Scottish Water to effectively deal with enquiries.

Processing rules: Input field

Previous references: New line

G3a.19	Complaints [Cs2]	£m (3dp)
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Definition: The total capital expenditure required for the provision of enhancing the ability of Scottish Water to effectively reduce the number of complaints.

Processing rules: Input field

Previous references: New line

G3a.20	Total Enhanced Service Levels capital expenditure	£m (3dp)
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Definition: The total capital expenditure required for the provision of enhancing service levels.

Processing rules: Calculated field: the sum of lines G3a.18 and G3a.19

Previous references: New line

BLOCK 9: GROWTH (SUPPLY/DEMAND EXPENDITURE)

G3a.21	Growth [Wa11]	£m (3dp)
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Definition: Capital expenditure associated with meeting or offsetting changes in demand from new and existing customers, whilst maintaining existing levels of service.

Note: this capital expenditure should **exclude** expenditure relating to the provision of local distribution assets to provide a water service to new customers. This expenditure should be reported under line G3a.22 *New development*. In this line, “local distribution” refers to Part II and Part III assets, where the Part III assets upgrade is not ‘strategic’ but due to development demand.

Processing rules: Input field

Previous references: G1.13

G3a.22	New Development [Wa12]	£m (3dp)
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Definition: The gross capital costs associated with the provision of local distribution assets for water service to provide for new customers with no net deterioration of existing levels of service. In this line, “local distribution” refers to Part II and Part III assets, where the Part III assets upgrade is not ‘strategic’ but due to development demand.

Processing rules: Input field

Previous references: G1.14

G3a.23	First time Water [Wa13]	£m (3dp)
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Definition: The gross capital cost associated with the provision of new water supply facilities to existing properties.

Processing rules: Input field

Previous references: G1.15

G3a.24	Total Growth (Supply/Demand Expenditure) capital expenditure	£m (3dp)
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Definition: The total gross cost of meeting growth in demand from new and existing customers.

Processing rules: Calculated field: the sums of lines G3a.21 to G3a.23 (inclusive)

Previous references: G1.16

BLOCK 10: TOTAL EXPENDITURE

G3a.25	Total capital expenditure	£m (3dp)
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Definition: The total gross capital expenditure required.

Processing rules: Calculated value: the sum of lines G3a.8 + G3a.17 + G3a.20 + G3a.24

Previous references: G3.17

**SECTION G
CHAPTER G3b**

Q&S 2 Delivery – Wastewater Service

Edition 6

LINE DEFINITIONS:**BLOCK 1: Base Service Provision/Capital Maintenance**

G3b.1	Sewage Flooding capital expenditure (Ww1)	£m (3dp)
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Definition: The total capital expenditure required for the provision of reducing the level of sewage flooding.

Processing rules: Input field

Previous references: New line

G3b.2	Wastewater Service Infrastructure Assets capital expenditure (Ww2)	£m (3dp)
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Definition: The total capital expenditure required for the provision of maintaining Wastewater Service Infrastructure Assets.

Processing rules: Input field

Previous references: New line

G3b.3	Wastewater Service Non-Infrastructure Assets capital expenditure (Ww3)	£m (3dp)
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Definition: The total capital expenditure required for the provision of maintaining Wastewater Service Non-Infrastructure Assets.

Processing rules: Input field

Previous references: New line

G3b.4	Base Service wastewater support service assets capital expenditure (SM3)	£m (3dp)
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Definition: The total capital expenditure required for the provision of maintaining Base Service wastewater support service assets.

Processing rules: Input field

Previous references: New line

G3b.5	Total Base Service Provision/Capital Maintenance expenditure	£m (3dp)
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Definition: The total capital expenditure required for the provision of Base Service Provision/Capital Maintenance.

Processing rules: Calculated field: the sum of lines G3b.1 to G3b.4

Previous references: New line

BLOCK 2: Quality Enhancement

DRIVER WQ1: Control of Pollution Act 1974 S.34

Sewage Treatment Works upgrading

G3b.6	Sewage treatment works upgrading capex [WQ1/1]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of existing sewage treatment works assets to comply with Ministers' output objectives.

Processing rules: Input field

Previous references: G4.1

G3b.7	Sewerage system upgrading capex [WQ1/2]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of existing sewerage system assets to comply with Ministers' output objectives.

Processing rules: Input field

Previous references: G4.3

BLOCK 3: DRIVER WQ2: Improvements to poor or seriously polluted waters

Sewage Treatment Works Discharge improvements

G3b.8	Sewage treatment works discharge improvements capex [WQ2/1]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of sewage treatment works assets to comply with Ministers' output objectives.

Processing rules: Input field

Previous references: G4.5

G3b.9	CSO discharge improvements capex [WQ2/2]	£m (3dp)
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Definition: The total capital expenditure required for the provision of CSO discharge improvement to comply with Ministers' output objectives.

Processing rules: Input field

Previous references: G4.7

G3b.10	Surface water discharge/ industrial estates capex [WQ2/3]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of surface water discharge/industrial estates assets to comply with Ministers' output objectives.

Processing rules: Input field

Previous references: G4.9

BLOCK 4: DRIVER WQ3: Protection of Risk Recreation and non - identified Coastal waters

G3b.11	Recreation and non-identified coastal waters capex [WQ3/1]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of Recreation and non-identified coastal assets to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.11

G3b.12	Phosphorus control capex [WQ3/2]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of sewage treatment works assets for Phosphorus control to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.13

G3b.13	Protection of Risk General [WQ3/3]	£m (3dp)
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Definition: The total capital expenditure required Ministers' output objectives. for the protection of good quality waters ("UK3 Waters") where this is not driven by WQ3/1 or WQ3/2.

Processing rules: Input Field

Previous references: G4.14a

BLOCK 5: DRIVER EC1: UWWTD Directive Inland Waters

G3b.14	Inland waters CSOs (intermittent discharges) capex [EC1/1]	£m (3dp)
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Definition: The total capital expenditure required for the provision of CSO discharge improvement to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.15

G3b.15	Inland waters sewage treatment (continuous discharges) capex [EC1/2]	£m (3dp)
---------------	---	-----------------

Definition: The total capital expenditure required for the provision of new or enhancement of sewage treatment works assets to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.17

**BLOCK 6: DRIVER EC1: UWWTD Directive
 Coastal Waters**

G3b.16	Coastal waters CSOs (intermittent discharges) capex [EC1/3]	£m (3dp)
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Definition: The total capital expenditure required for the provision of CSO discharge improvement to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.19

G3b.17	Coastal waters sewage treatment (continuous discharges) capex [EC1/4]	£m (3dp)
---------------	--	---------------------

Definition: The total capital expenditure required for the provision of new or enhancement of sewage treatment works assets to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.21

**BLOCK 7: DRIVER EC1: UWWTD Directive
 Estuarial Waters**

G3b.18	Estuarial waters CSOs (intermittent discharges) capex [EC1/5]	£m (3dp)
---------------	--	---------------------

Definition: The total capital expenditure required for the provision of CSO discharge improvement to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.23

G3b.19	Estuarial waters sewage treatment (continuous discharges) capex [EC1/6]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of sewage treatment works assets to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.25

BLOCK 8: DRIVER EC2: Bathing Waters Directive

G3b.20	CSOs (intermittent discharges) capex [EC2/1]	£m (3dp)
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Definition: The total capital expenditure required for the provision of CSO discharge improvement to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.27

G3b.21	Sewage Treatment (continuous discharges) capex [EC2/2]	£m (3dp)
---------------	---	-----------------

Definition: The total capital expenditure required for the provision of new or enhancement of sewage treatment works assets to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.29

BLOCK 9: DRIVER EC3: Shellfish waters

G3b.22	CSOs (intermittent discharges) capex [EC3/1]	£m (3dp)
---------------	---	-----------------

Definition: The total capital expenditure required for the provision of CSO discharge improvement to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.31

G3b.23	Sewage Treatment (continuous discharges) capex [EC3/2]	£m (3dp)
---------------	---	-----------------

Definition: The total capital expenditure required for the provision of new or enhancement of sewage treatment works assets to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.33

BLOCK 10: DRIVER EC4: Freshwater Fish Directive

G3b.24	CSOs (intermittent discharges) capex [EC4/1]	£m (3dp)
---------------	---	-----------------

Definition: The total capital expenditure required for the provision of CSO discharge improvements to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.35

G3b.25	Sewage Treatment (continuous discharges) capex [EC4/2]	£m (3dp)
---------------	---	-----------------

Definition: The total capital expenditure required for the provision of new or enhancement of sewage treatment works assets to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.37

BLOCK 11: DRIVER EC6: Sludge (use in Agriculture) directive

G3b.26	Sludge treatment capex [EC6]	£m (3dp)
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Definition: The total capital expenditure required for the provision of new or enhancement of sludge treatment assets to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.39

BLOCK 12: DRIVER EC8: Habitats Directive

G3b.27	Total capex [EC8]	£m (3dp)
---------------	--------------------------	-----------------

Definition: The total capital expenditure required for the provision of the Habitats Directive to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.40a

BLOCK 13: DRIVER EC9: Dangerous Substances Directive

G3b.28	Total capex [EC9]	£m (3dp)
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Definition: The total capital expenditure required for the provision of the Dangerous Substances Directive to comply with Ministers' output objectives.

Processing rules: Input Field

Previous references: G4.41

BLOCK 14: TOTAL QUALITY ENHANCEMENT

G3b.29	Total Quality Enhancements capital expenditure	£m (3dp)
---------------	---	-----------------

Definition: The total capital expenditure required to deliver the required quality enhancements.

Processing rules: Calculated field: the sum of line G3b.6 to G3b.28 (inclusive)

Previous references: New Line

BLOCK 15: ENHANCED SERVICE LEVELS

G3b.30	Enquiries capital expenditure (Cs1)	£m (3dp)
---------------	--	-----------------

Definition: The total capital expenditure required for the provision of enhancing the ability of Scottish Water to effectively deal with enquiries.

Processing rules: Input Field

Previous references: New Line

G3b.31	Complaints capital expenditure (Cs2)	£m (3dp)
---------------	---	-----------------

Definition: The total capital expenditure required for the provision of enhancing the ability of Scottish Water to effectively reduce the number of complaints.

Processing rules: Input Field

Previous references: New Line

G3b.32	Total Enhanced Service Levels capital expenditure	£m (3dp)
---------------	--	-----------------

Definition: The total capital expenditure required for the provision of enhancing service levels.

Processing rules: Calculated field: the sum of lines G3b.30 and G3.31

Previous references: New Line

BLOCK 16: GROWTH (SUPPLY/DEMAND EXPENDITURE)

G3b.33	Growth capital expenditure (Ww11)	£m (3dp)
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Definition: Capital expenditure associated with meeting or offsetting changes in demand from new and existing customers, whilst maintaining existing levels of service.

Note: this capital expenditure should **exclude** expenditure relating to the provision of local distribution assets to provide a wastewater service to new customers. This expenditure should be reported under line G3b.34, New development capital expenditure. In this line, local distribution refers to Part II and Part III assets, where Part III assets is not 'strategic' but related to customer demand.

Processing rules: Input Field

Previous references: G2.13

G3b.34	New development capital expenditure (Ww12)	£m (3dp)
---------------	---	-----------------

Definition: The gross capital costs associated with the provision of local distribution assets for wastewater service to provide for new customers with no net deterioration of existing levels of service. In this line, local distribution refers to Part II and Part III assets, where Part III assets is not 'strategic' but related to customer demand.

Processing rules: Input Field

Previous references: G2.14

G3b.35	First time Sewerage capital expenditure (Ww13)	£m (3dp)
---------------	---	-----------------

Definition: The gross capital cost associated with the provision of new sewerage facilities to existing properties.

Processing rules: Input Field

Previous references: G2.15

G3b.36	Total Growth (Supply/Demand Expenditure) capital expenditure	£m (3dp)
---------------	---	-----------------

Definition: The total gross cost of meeting growth in demand from new and existing customers.

Processing rules: Calculated field: the sum of lines G3b.33 to G3b.35

Previous references: G2.16

BLOCK 17: TOTAL EXPENDITURE

G3b.37	Total capital expenditure	£m (3dp)
---------------	----------------------------------	-----------------

Definition: The total gross capital expenditure required.

Processing rules: Calculated field: the sum of lines G3b.5 + G3b.29 + G3b.32 + G3b.36

Previous references: G4.43

SECTION G
CHAPTER G4a
Q&S 3 Drivers – Water Service

Edition 6

TABLE G4a LINE DEFINITIONS**BLOCK 1: CAPITAL MAINTENANCE**

G4a.1	Base operating expenditure	£m (3dp)
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Definition: The level of operating expenditure on the water network required to maintain the quantity and quality of outputs and levels of service provided by the water service in the report year. Operating expenditure excludes current cost depreciation. Base opex includes the opex incurred in the provision of services to third parties.

Processing rules: Input field

Previous references: K1.1 (Ofwat ref JR07 T35L1)

G4a.2	Water Service Infrastructure [WSI]	£m (3dp)
--------------	---	-----------------

Definition: The capital expenditure required to maintain serviceability to customers of infrastructure assets as defined by RAR2.

Processing rules: Input field

Previous references: K1.2

G4a.3	Water Service Non-Infrastructure [WSNI]	£m (3dp)
--------------	--	-----------------

Definition The capital expenditure required to maintain serviceability to customers of the non-infrastructure assets as defined by RAR2.

Processing rules: Input field

Previous references: K1.3

G4a.4	Total Capital Maintenance	£m (3dp)
--------------	----------------------------------	-----------------

Definition: The total gross capital expenditure required for the preservation and (where necessary) the replacement of all water service assets to maintain serviceability to customers.

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Processing rules: Calculated field: the sum of lines G4a.2 and G4a.3

Previous references: K1.4

BLOCK 2: QUALITY ENHANCEMENTS

G4a.5	Lead [DW1]	£m (3dp)
--------------	-------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with lead standard of 10Mg/l set in EC Directive 98/83 on the quality of water intended for human consumption.

Processing rules: Input field

Previous references: K1.5

G4a.6	Trihalomethane [DW2]	£m (3dp)
--------------	-----------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with trihalomethane standard of 100mg/l.

Processing rules: Input field

Previous references: K1.6

G4a.7	Other parameters (no allocation) [DW3]	£m (3dp)
--------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including those below that may have been tightened under Directive 98/83/E:

Arsenic: tighter standard introduced which may result in local breaches.

Copper: tighter standard introduced which may result in local breaches.

Nitrate/Nitrite: the introduction of chlorination to meet the THM standard is likely to result in exceedences of the standard for nitrate/nitrite.

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SW should specify in its Commentary the DW3 sub-driver (if any) that has been allocated to this code, and a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7

G4a.7a	Other parameters (Colour) [DW3A]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including this standard that may have been tightened under Directive 98/83/E. This tighter standard will have been introduced and may result in local breaches.

SW should clarify in its Commentary the DW3 sub-driver that has been allocated to this code, and provide a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7a

G4a.7b	Other parameters (Coliforms) [DW3B]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including this standard that may have been tightened under Directive 98/83/E. This tighter standard will have been introduced and may result in local breaches.

SW should clarify in its Commentary the DW3 sub-driver that has been allocated to this code, and provide a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7b

G4a.7c	Other parameters (Manganese) [DW3C]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards

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contained in the Drinking Water Directive, including this standard that may have been tightened under Directive 98/83/E. This tighter standard will have been introduced and may result in local breaches.

SW should clarify in its Commentary the DW3 sub-driver that has been allocated to this code, and provide a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7c

G4a.7d	Other parameters (Bromate) [DW3D]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including this standard that may have been tightened under Directive 98/83/E. This tighter standard will have been introduced and may result in local breaches.

SW should clarify in its Commentary the DW3 sub-driver that has been allocated to this code, and provide a description of its purpose(s) & output(s).

SW should specify in its Commentary the DW3 sub-driver that has been allocated to this code, and a description of its purpose & output.

Processing rules: Input field

Previous references: K1.7d

G4a.7e	Other parameters (no allocation) [DW3E]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including those below that may have been tightened under Directive 98/83/E:

Arsenic: tighter standard introduced which may result in local breaches.

Copper: tighter standard introduced which may result in local breaches.

Nitrate/Nitrite: the introduction of chloramination to meet the THM standard is likely to result in exceedences of the standard for nitrate/nitrite.

SW should specify in its Commentary the DW3 sub-driver (if any) that has been allocated to this code, and a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7e

G4a.7f	Other parameters (Iron) [DW3F]	£m (3dp)
---------------	---------------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including this standard that may have been tightened under Directive 98/83/E. This tighter standard will have been introduced and may result in local breaches.

SW should clarify in its Commentary the DW3 sub-driver that has been allocated to this code, and provide a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7f

G4a.7g	Other parameters (Aluminium) [DW3G]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including this standard that may have been tightened under Directive 98/83/E. This tighter standard will have been introduced and may result in local breaches.

SW should clarify in its Commentary the DW3 sub-driver that has been allocated to this code, and provide a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7g

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G4a.7h	Other parameters (Pesticides and/or Taste + Odour) [DW3H]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including this standard that may have been tightened under Directive 98/83/E. This tighter standard will have been introduced and may result in local breaches.

SW should clarify in its Commentary the DW3 sub-driver that has been allocated to this code, and provide a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7h

G4a.7i	Other parameters (no allocation) [DW3I]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including those below that may have been tightened under Directive 98/83/E:

Arsenic: tighter standard introduced which may result in local breaches.

Copper: tighter standard introduced which may result in local breaches.

Nitrate/Nitrite: the introduction of chloramination to meet the THM standard is likely to result in exceedences of the standard for nitrate/nitrite.

SW should specify in its Commentary the DW3 sub-driver (if any) that has been allocated to this code, and a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7i

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G4a.7j	Other parameters (Turbidity) [DW3J]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including this standard that may have been tightened under Directive 98/83/E. This tighter standard will have been introduced and may result in local breaches.

SW should clarify in its Commentary the DW3 sub-driver that has been allocated to this code, and provide a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7j

G4a.7k	Other parameters (Final pH) [DW3K]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with all other standards contained in the Drinking Water Directive, including this standard that may have been tightened under Directive 98/83/E. This tighter standard will have been introduced and may result in local breaches.

SW should clarify in its Commentary the DW3 sub-driver that has been allocated to this code, and provide a description of its purpose(s) & output(s).

Processing rules: Input field

Previous references: K1.7k

G4a.8	Cryptosporidium [DW4]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with the Cryptosporidium (Scottish Water) Directions 2003 and any subsequent revisions including:

- i) annual risk assessments for all water supplies for the presence of Cryptosporidium
- ii) installation of turbidity meters on all filters

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- iii) continuous monitoring of specific water supplies for Cryptosporidium

Processing rules: Input field

Previous references: K1.8

G4a.8a	Cryptosporidium Washwater Recovery [DW4A]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with the Cryptosporidium (Scottish Water) Directions 2003 and any subsequent revisions including:

The processes carried out at Water Treatment plants involving the use of water to cleanse the plant and then the reintroduction of this water, after treatment, back into the infrastructure system.

Processing rules: Input field

Previous references: K1.8a

G4a.9	Mains Rehabilitation [DW5]	£m (3dp)
--------------	-----------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure the quality of water put into supply is not downgraded by the condition of the water mains through which it is supplied. In particular, the condition of a water main must not result in exceedences of the iron and manganese standards set in Directive 98/83/EC:

Unplanned operational activity and maintenance work disrupt the flow in water mains and put water quality at risk.

SE policy is that there should be no deterioration in the infrastructure asset stock.

Processing rules: Input field

Previous references: K1.9

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G4a.10	Abstraction [DW6]	£m (3dp)
---------------	--------------------------	-----------------

Definition: The total capital expenditure required by Ministers' output objectives for the provision of the Abstraction directive and comply with legal obligations, or Scottish Executive guidance. The primary need for the work should have been confirmed by the quality regulator and allowed for in the Quality and Standards programme.

Processing rules: Input field

Previous references: K1.10

G4a.11	Birds, Habitats [DW7]	£m (3dp)
---------------	------------------------------	-----------------

Definition: The total capital expenditure required by Ministers' output objectives for the provision of the Birds directive, The Habitats Directive and comply with legal obligations, or Scottish Executive guidance. The primary need for the work should have been confirmed by the quality regulator and allowed for in the Quality and Standards programme.

Processing rules: Input field

Previous references: K1.11

G4a.12	Security of supply [DW8]	£m (3dp)
---------------	---------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure the security of Supply.

Processing rules: Input field

Previous references: K1.12

G4a.13	Additional Physical security [DW9]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to ensure that additional physical security arrangements are in place to protect drinking water quality in accordance with guidance issued by Security Services.

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Processing rules: Input field

Previous references: K1.13

G4a.14	Public water supplies [DW10]	£m (3dp)
---------------	-------------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure that all public water supplies meet standards set in Directive. Supplies to properties from raw water aqueducts and raw water mains are public supplies and must meet Directive standards.

Processing rules: Input field

Previous references: K1.14

G4a.15	Water fitting bylaws [DW11]	£m (3dp)
---------------	------------------------------------	-----------------

Definition: Investment necessary on SW assets to ensure SW compliance with by Ministers' output objectives and Water Fittings Byelaws. (Note that this driver does not include the cost of ensuring third party Byelaw compliance).

Processing rules: Input field

Previous references: K1.15

G4a.16	Review of annexes to Directive [DW12]	£m (3dp)
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Definition: Article 11 of the EC Directive 98/83 provides for a review of the annexes to the Directive every 5 years. The first such review commenced during 2003. The capital expenditure required to allow this review to be carried out.

Processing rules: Input field

Previous references: K1.16

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G4a.17	Improvement in aesthetic quality of drinking water [DW13]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to ensure improvements in aesthetic quality of drinking water.

Processing rules: Input field

Previous references: K1.17

G4a.18	Extended provision of telemetry [DW14]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to extend the provision of telemetry at water treatment works and service reservoirs.

Processing rules: Input field

Previous references: K1.18

G4a.19	Recommendation Compliance [DW15]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with recommendations made as a result of investigations into drinking water quality incidents in Scotland.

Processing rules: Input field

Previous references: K1.19

G4a.20	Water safety plans [DW16]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to carry out Water safety plans. Standards in the EC Directives are derived from World Health Organisation Guideline Values. The WHO is now promoting Water Safety Plans as a means of ensuring drinking water quality. Such plans are already in use in many countries. It is likely that Water Safety Plans will feature in any revision of the Directive.

Processing rules: Input field

Previous references: K1.20

G4a.21	Cross-connection removal [DW17]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to carry out cross-connection removal. The report into the Torry incident 1991 recommended that removal of all cross-connections between water mains and sewers. However, this recommendation was not fully implemented across Scotland and many unsatisfactory arrangements remain. The risk posed by cross-connections is significant and any such arrangements remaining must be removed.

Processing rules: Input field

Previous references: K1.21

G4a.22	Extension of public water distribution network [DW18]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to extend the public water distribution network at "unreasonable cost" to provide a water supply to these areas because the level of return is not considered economic in relation to the capital investment required.

Processing rules: Input field

Previous references: K1.22

G4a.23	Provision of wholesome supply of water [DW19]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives because The Water (Scotland) Act 1980 requires that SW shall provide a wholesome supply of water sufficient for the domestic purposes of all owners and occupiers of premises within their limit of supply.

Processing rules: Input field

Previous references: K1.23

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G4a.24	Rainfall depth calculation [DW20]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with the calculation of rainfall depth. The Flood Estimation Handbook published by the Institute of Hydrology introduced a new method of calculating rainfall depth.

Processing rules: Input field

Previous references: K1.24

G4a.25	Duplication of critical mains to provide security of supply [DW21]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure duplication of critical mains to provide security of supply.

Processing rules: Input field

Previous references: K1.25

G4a.26	Address algae problems in raw water sources [DW22]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to provide treatment to address algae problems in raw water sources.

Processing rules: Input field

Previous references: K1.26

G4a.27	UKTAG guideline abstraction thresholds [WR1]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to assist with calculating UKTAG guideline abstraction thresholds (All SW surface and groundwater abstractions).

Processing rules: Input field

Previous references: K1.27

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G4a.28	Reservoirs operate with agreed best practice [WR2]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to carry out a site-specific review of operational practice at all SW reservoirs to compare with agreed best practice. (All SW impoundments).

Processing rules: Input field

Previous references: K1.28

G4a.29	Protection of water quality in drinking water protected areas [WR3]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to protect water quality in Drinking Water Protected Areas so as to avoid the need to increase the level of treatment needed to meet standards set in EC Directive 98/83. All SW drinking water sources supplying more than 10m³/day or 50 people).

Processing rules: Input field

Previous references: K1.29

G4a.30	Compliance with hydro-morphological standards in order to meet WFD ecological objective [WR4]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with hydro-morphological standards in order to meet WFD ecological objective. (All obsolete engineering works associated with abandoned water supply operations).

Processing rules: Input field

Previous references: K1.30

G4a.31	Demonstrate compliance with water licenses [WR5]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to demonstrate compliance with water quality licences. (All SW abstractions and impoundments).

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Processing rules: Input field

Previous references: K1.31

G4a.32	Total Quality Enhancements	£m (3dp)
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Definition: The total gross expenditure on Quality Enhancements in the report year for the water service.

Processing rules: sum of lines G4a.5 to G4a.31

Previous references: K1.33

BLOCK 3: ENHANCED SERVICE LEVELS

G4a.33	Pressure [CS1]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to assist in the removal of properties from the register of properties at risk from poor pressure.

Processing rules: Input field

Previous references: K1.34

G4a.34	Business Metering [CS4]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to meter all business premises.

Processing rules: Input field

Previous references: K1.35

G4a.35	Household Metering [CS5]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to ensure compliance with household metering standards.

Processing rules: Input field

Previous references: K1.36

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G4a.36	Emergency Planning [CS6]	£m (3dp)
---------------	---------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with the provision of improved emergency planning standards.

Processing rules: Input field

Previous references: K1.37

G4a.37	Business Billing [CS7]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to assist with the provision of improved business billing facilities.

Processing rules: Input field

Previous reference: K1.38

G4a.38	Household Billing [CS8]	£m (3dp)
---------------	--------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with the provision of improved household billing services.

Processing rules: Input field

Previous references: K1.39

G4a.39	Customer Experience [CS9]	£m (3dp)
---------------	----------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with the provision of improved customer service facilities.

Processing rules: Input field

Previous references: K1.40

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G4a.39a	Unplanned Interruptions [CS12]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to assist in reducing the number of properties at risk of experiencing unplanned interruptions.

Processing rules: Input field

Previous references: K1.40a

G4a.39b	Introduction to Competition [CS13]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to assist with Scottish Water's approach to dealing with a competitive market.

Processing rules: Input field

Previous references: K1.40b

G4a.40	Total Enhanced Service Levels	£m (3dp)
---------------	--------------------------------------	-----------------

Definition: The total capital expenditure required by Ministers' output objectives to meet the expected standards of Service levels.

Processing rules: Calculated field: the calculation of lines G4a.33 to G4a.39b (inclusive).

Previous references: New line

BLOCK 4: GROWTH (SUPPLY/DEMAND EXPENDITURE)

G4a.41	Growth capex [WG1]	£m (3dp)
---------------	---------------------------	-----------------

Definition: Capital expenditure associated with meeting or offsetting changes in demand from new and existing customers, whilst maintaining existing levels of service.

Note: this capital expenditure should **exclude** expenditure relating to the provision of local distribution assets to provide a water service to new customers. This expenditure should be reported under line G4a.42 *New*

Section G

development capex. In this line, local distribution refers to Part II and Part III assets, where the investment is demand led rather than 'strategic'.

Processing rules: Input field

Previous references: K1.42

G4a.42	New development capex [WG2]	£m (3dp)
---------------	------------------------------------	-----------------

Definition: The gross capital costs associated with the provision of local distribution assets for water service to provide for new customers with no net deterioration of existing levels of service. In this line, local distribution refers to Part II and Part III assets, where the investment is demand led rather than 'strategic'.

Processing rules: Input Field

Previous references: K1.43

G4a.43	First time water supply capex [WG3]	£m (3dp)
---------------	--	-----------------

Definition: The gross capital cost associated with the provision of new water supply facilities to existing properties.

Processing rules: Input field

Previous references: K1.44

G4a.44	Growth total capex	£m (3dp)
---------------	---------------------------	-----------------

Definition: The total gross cost of meeting growth in demand from new and existing customers.

Processing rules: Calculated field: the sum of lines G4a.41 to G4a.43

Previous references: K1.45

BLOCK 5: NEW OUTPUTS/OBLIGATIONS SINCE THE FINAL DETERMINATION

G4a.45	New outputs/obligations - capex	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure to deal with new outputs required from companies for the water service, but not included in either the final determination in November 2005 or a subsequent interim determination. The specific outputs and the reasons for the change since the last price setting should be explained in the commentary.

Processing rules: Input field

Previous references: K1.47 (Ofwat ref JR07 T35L18)

G4a.46	New outputs/obligations - opex	£m (3dp)
---------------	---------------------------------------	-----------------

Definition: The net additional operating expenditure compared with the base year for enhancement opex of 2004-05 to deal with new outputs required from companies for the water service, but not included in either the final determination in November 2005 or a subsequent interim determination. The specific outputs and the reasons for the change since the last price setting should be explained in the commentary.

Processing rules: Input field

Previous references: K1.48 (Ofwat ref JR07 T35L19)

G4a.47	Total Investment Expenditure	£m (3dp)
---------------	-------------------------------------	-----------------

Definition: Total investment expenditure.

Processing rules: Calculated field: the sum of lines G4a.4 + G4a.32 + G4a.40 + G4a.44 + G4a.45

Previous references: K1.60

SECTION G
CHAPTER G4b
Q&S 3 Drivers – Wastewater Service

Edition 6

Section G

TABLE G4b LINE DEFINITIONS**BLOCK 1: CAPITAL MAINTENANCE**

G4b.1	Base operating expenditure	£m (3dp)
--------------	-----------------------------------	-----------------

Definition: The level of operating expenditure on the water network required to maintain the quantity and quality of outputs and levels of service provided by the water service in the report year. Operating expenditure excludes current cost depreciation. Base opex includes the opex incurred in the provision of services to third parties.

Processing rules: Input field

Previous references: K2.1 (Ofwat ref JR07 T36L1)

G4b.2	Wastewater Service Infrastructure [WWI]	£m (3dp)
--------------	--	-----------------

Definition: The capital expenditure required to maintain serviceability to customers of infrastructure assets as defined by RAR2.

Processing rules: Input field

Previous references: K2.2

G4b.3	Wastewater Service Non-Infrastructure [WWNI]	£m (3dp)
--------------	---	-----------------

Definition: The capital expenditure required to maintain serviceability to customers of non-infrastructure assets as defined by RAR2.

Processing rules: Input field

Previous references: K2.3

G4b.4	Total Capital Maintenance	£m (3dp)
--------------	----------------------------------	-----------------

Definition: The gross capital expenditure required to maintain serviceability to customers of the asset.

Processing rules: Calculated field: the sum of lines G4b.2 and G4b.3

Previous references: K2.4

BLOCK 2: QUALITY ENHANCEMENTS

G4b.5	Water Environment and Water Services Act 2003 [WQ01]	£m (3dp)
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Definition: The capital expenditure required by Ministers' output objectives to comply with The Water Environment and Water Services Act 2003 (Secondary legislation to replace Control of Pollution Act 1974, Section 34).

Processing rules: Input field

Previous references: K2.5

G4b.6	Environment Act 1995, Section 34 [WQ02]	£m (3dp)
--------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Environment Act 1995, Section 34.

Processing rules: Input field

Previous references: K2.6

G4b.7	Town and Country Planning (Scotland) Act 1997 [ON01]	£m (3dp)
--------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Town and Country Planning (Scotland) Act 1997.

Processing rules: Input field

Previous references: K2.7

G4b.8	Environment Protection Act 1990, Part III [ON01]	£m (3dp)
--------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Environment Protection Act 1990, Part III.

Processing rules: Input field

Previous references: K2.8

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G4b.9	Environmental Protection Act 1990, Part IIA (Contaminated Land) [LA01]	£m (3dp)
--------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Environmental Protection Act 1990, Part IIA (Contaminated Land).

Processing rules: Input field

Previous references: K2.9

G4b.10	Water Industry (Scotland) Act 2002, Section 54 [NH01]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Water Industry (Scotland) Act 2002, Section 54.

Processing rules: Input field

Previous references: K2.10

G4b.11	Water Industry (Scotland) Act 2002, Section 51 [SD01]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Water Industry (Scotland) Act 2002, Section 51.

Processing rules: Input field

Previous references: K2.11

G4b.12	Definition of Waste (Hazardous Waste Directive) [WA01]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Definition of Waste (Hazardous Waste Directive).

Processing rules: Input field

Previous references: K2.12

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G4b.13	Urban Waste Water Treatment Directive (91/271/EEC) [EC01]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Urban Waste Water Treatment Directive (91/271/EEC).

Processing rules: Input field

Previous references: K2.13

G4b.14	Bathing Water Directive (76/160/EEC) [EC02]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Bathing Water Directive (76/160/EEC).

Processing rules: Input field

Previous references: K2.14

G4b.15	Shellfish Waters Directive (70/923/EEC) [EC03]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Shellfish Waters Directive (70/923/EEC).

Processing rules: Input field

Previous references: K2.15

G4b.16	Freshwater for Fish Directive (78/659/EEC) [EC04]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Freshwater for Fish Directive (78/659/EEC).

Processing rules: Input field

Previous references: K2.16

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G4b.17	Surface Water for Drinking Directive (75/440/EEC) [EC05]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Surface Water for Drinking Directive (75/440/EEC).

Processing rules: Input field

Previous references: K2.17

G4b.18	Sludge Use in Agriculture Directive (86/278/EEC) [EC06]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Sludge Use in Agriculture Directive (86/278/EEC).

Processing rules: Input field

Previous references: K2.18

G4b.19	Birds Directive (79/409/EEC) [EC07]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Birds Directive (79/409/EEC).

Processing rules: Input field

Previous references: K2.19

G4b.20	Habitats Directive (92/43/EEC) [EC08]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Habitats Directive (92/43/EEC).

Processing rules: Input field

Previous references: K2.20

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G4b.21	Dangerous Substances Directive (76/464/EEC) [EC09]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Dangerous Substances Directive (76/464/EEC).

Processing rules: Input field

Previous references: K2.21

G4b.22	Water Framework Directive (2000/60/EC) [EC10]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Water Framework Directive (2000/60/EC).

Processing rules: Input field

Previous references: K2.22

G4b.23	Landfill Directive (99/31/EC) [EC11]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Landfill Directive (99/31/EC).

Processing rules: Input field

Previous references: K2.23

G4b.24	Integrated Pollution Prevention & Control Directive (96/61/EC) [EC12]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Integrated Pollution Prevention & Control Directive (96/61/EC).

Processing rules: Input field

Previous references: K2.24

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G4b.25	Waste Incineration Directive (2000/76/EC) [EC13]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Waste Incineration Directive (2000/76/EC).

Processing rules: Input field

Previous references: K2.25

G4b.26	National Emissions Ceiling Directive (2001/81/EC) [EC14]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The National Emissions Ceiling Directive (2001/81/EC).

Processing rules: Input field

Previous references: K2.26

G4b.27	Strategic Environmental Assessment Directive (2001/42/EC) [EC15]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Strategic Environmental Assessment Directive (2001/42/EC).

Processing rules: Input field

Previous references: K2.27

G4b.28	Revised Bathing Water Directive (proposed) [pEC16]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Revised Bathing Water Directive (proposed).

Processing rules: Input field

Previous references: K2.28

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G4b.29	EU Marine Strategy (proposed COM/2002/539) [pEC17]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The EU Marine Strategy (proposed COM/2002/539).

Processing rules: Input field

Previous references: K2.29

G4b.30	Sludge Directive (proposed) & EC Soils Strategy [pEC18]	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Sludge Directive (proposed) & EC Soils Strategy.

Processing rules: Input field

Previous references: K2.30

G4b.31	Environmental Liability Directive (proposed) [pEC20]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The Environmental Liability Directive (proposed).

Processing rules: Input field

Previous references: K2.31

G4b.32	OSPAR Convention 1992 [IN01]	£m (3dp)
---------------	-------------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with The OSPAR Convention 1992.

Processing rules: Input field

Previous references: K2.32

G4b.33	Climate Change (Cross-functional) [XF01]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with dealing with Climate Change (Cross-functional).

Processing rules: Input field

Previous references: K2.33

G4b.34	Flooding (Cross-functional) [XF02]	£m (3dp)
---------------	---	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist dealing with Flooding (Cross-functional).

Processing rules: Input field

Previous references: K2.34

G4b.35	Total Quality Enhancements	£m (3dp)
---------------	-----------------------------------	-----------------

Definition: The total expenditure by Ministers' output objectives on Quality Enhancements in the report year for the wastewater service.

Processing rules: Calculated field: the sum of lines G4b.5 to G4b.34 (inclusive)

Previous references: K2.36

BLOCK 3: ENHANCED SERVICE LEVELS

G4b.36	Odour Management [CS2]	£m (3dp)
---------------	-------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with odour management standards.

Processing rules: Input field

Previous references: K2.37

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G4b.37	Business Metering [CS4]	£m (3dp)
---------------	--------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to comply with business metering standards.

Processing rules: Input field

Previous references: K2.38

G4b.38	Household Metering [CS5]	£m (3dp)
---------------	---------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with household metering standards.

Processing rules: Input field

Previous references: K2.39

G4b.39	Emergency Planning [CS6]	£m (3dp)
---------------	---------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with the Provision of improved emergency planning standards.

Processing rules: Input field

Previous references: K2.40

G4b.40	Business Billing [CS7]	£m (3dp)
---------------	-------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with the Provision of improved business billing facilities.

Processing rules: Input field

Previous reference: K2.41

G4b.41	Household Billing [CS8]	£m (3dp)
---------------	--------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with the Provision of improved household billing services.

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Processing rules: Input field

Previous references: K2.42

G4b.42	Customer Experience [CS9]	£m (3dp)
---------------	----------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with the Provision of improved customer service facilities.

Processing rules: Input field

Previous references: K2.43

G4b.43	Sewer Flooding [CS11]	£m (3dp)
---------------	------------------------------	-----------------

Definition: The capital expenditure required by Ministers' output objectives to assist with Removal of properties from at risk register.

Processing rules: Input field

Previous references: K2.44

G4b.43a	Introduction to Competition [CS13]	£m (3dp)
----------------	---	-----------------

Definition: The capital expenditure required to assist with Scottish Water's approach to dealing with a competitive market.

Processing rules: Input field

Previous references: K2.44a

G4b.44	Total Enhanced Service Levels	£m (3dp)
---------------	--------------------------------------	-----------------

Definition: The total Capital expenditure required by Ministers' output objectives to meet the expected standards of service levels.

Processing rules: Calculated field: the sum of lines G4b.36 to G4b.43a (inclusive)

Previous references: New line

BLOCK 4: GROWTH (SUPPLY/DEMAND EXPENDITURE)

G4b.45	Growth capex [SG1]	£m (3dp)
---------------	---------------------------	-----------------

Definition: Capital expenditure associated with meeting or offsetting changes in demand from new and existing customers, whilst maintaining existing levels of service.

Note: this capital expenditure should **exclude** expenditure relating to the provision of local distribution assets to provide a wastewater service to new customers. This expenditure should be reported under line G4b.46, New development capex. In this line, local distribution refers to Part II and Part III assets, where Part III assets are customer-demand led and not 'strategic'.

Processing rules: Input field

Previous references: K2.46

G4b.46	New development capex [SG2]	£m (3dp)
---------------	------------------------------------	-----------------

Definition: The gross capital costs associated with the provision of local distribution assets for wastewater service to provide for new customers with no net deterioration of existing levels of service. In this line, local distribution refers to Part II and Part III assets, where Part III assets are customer-demand led and not 'strategic'.

Processing rules: Input field

Previous references: K2.47

G4b.47	First time wastewater capex [SG3]	£m (3dp)
---------------	--	-----------------

Definition: The gross capital cost associated with the provision of new sewerage facilities to existing properties.

Processing rules: Input field

Previous references: K2.48

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G4b.48	Growth total capex	£m (3dp)
---------------	---------------------------	-----------------

Definition: The total gross cost of meeting growth in demand from new and existing customers.

Processing rules: Calculated field: the sum of lines G4b.45 to G4b.47

Previous references: K2.49

BLOCK 5: NEW OUTPUTS/OBLIGATIONS SINCE THE FINAL DETERMINATION

G4b.49	New outputs/obligations - capex	£m (3dp)
---------------	--	-----------------

Definition: The capital expenditure to deal with new outputs required from companies for the sewerage service, but not included in either the final determination in November 2005 or a subsequent interim determination. The specific outputs and the reasons for the change since the last price setting should be explained in the commentary.

Processing rules: Input field

Previous references: K2.51 (Ofwat ref JR07 T36L16)

G4b.50	New outputs/obligations - opex	£m (3dp)
---------------	---------------------------------------	-----------------

Definition: The net additional operating expenditure compared with the base year for enhancement opex of 2004-05 to deal with new outputs required from companies for the sewerage service, but not included in either the final determination in November 2005 or a subsequent interim determination. The specific outputs and the reasons for the change since the last price setting should be explained in the commentary.

Processing rules: Input field

Previous references: K2.52 (Ofwat ref JR07 T36L17)

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G4b.51	Total Investment Expenditure	£m (3dp)
---------------	-------------------------------------	-----------------

Definition: Total gross Investment Expenditure on the wastewater service.

Processing rules: Calculated field: the sum of lines G4b.4 + G4b.35 + G4b.44 + G4b.48 + G4b.49

Previous references: K2.64

SECTION G
Project Analysis Q&S 2 - Actuals & Forecast - Water & Wastewater

Edition 6

TABLE G5 DEFINITIONS**COLUMN DEFINITIONS**

Column No: 1	Column Title: Project Number
Units: n/a	Processing Rules: Input field
Definition: Project number, as assigned by SW. This should be consistent with the project references in the WIC18 and the Capital Investment Returns. Any discrepancies should be highlighted and explained in the accompanying commentary. This is the project code allocated to the project within the Scottish Water investment programme database. All codes should be mutually exclusive and relate to discreet projects. All projects that have been disaggregated from other projects or schemes should have an audit trail that may, from time to time, be scrutinised by the Reporter.	
Previous Reference: New column	

Column No: 2	Column Title: Project Name
Units: n/a	Processing Rules: Input field
Definition: Project name, as referenced by SW. This should be consistent with the project references in the WIC18 list and the Capital Investment Return. Any discrepancies should be highlighted and explained in the accompanying commentary.	
Previous Reference: New column	

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Column No: 3	Column Title: Water/Wastewater
Units: n/a	Processing Rules: Input field
Definition: One of the primary purposes: 'water' or 'wastewater', should be entered to indicate whether the project falls under the water or wastewater function. Any cross-functional work will need to be split into: water <i>and</i> wastewater projects.	
Previous Reference: K56 Col 3	

Column No: 4	Column Title: Quality
Units: n/a	Processing Rules: Input field
Definitions: For those projects that form part of the Quality programme, an entry of 'Quality' should be given. In all other cases, this column should be left blank.	
Previous Reference: New column	

Column No: 5	Column Title: Regulatory Output Signoff Required
Units: n/a	Processing Rules: Input field
Definitions: Confirmation is required as to whether or not the project requires Regulatory sign-off before it can be formally completed. Input "TRUE" if this is the case or otherwise "FALSE".	
Previous Reference: New column	

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Column No: 6	Column Title: Accountability
Units: n/a	Processing Rules: Input field
<p>Definitions:</p> <p>For each project, the body accountable for project management should be quoted. The entry 'SW' should be given where SW has full accountability for the project. Where Scottish Water Solutions (SWS) is accountable, 'SWS – managed' or 'SWS – allocated' should be used, where the project is underway or in development respectively (or whatever alternative note is deemed appropriate and is explained in the accompanying commentary).</p>	
Previous Reference: New column	
Column No: 7	Column Title: Programme Grouping
Units: n/a	Processing Rules: Input field
<p>Definitions: Scottish Water's business activity group from the programme that will benefit from the investment made for each individual project.</p>	
Previous Reference: New column	
Column No: 8	Column Title: Funding Category
Units: n/a	Processing Rules: Input field
<p>Definitions: For each project, Scottish Water should identify the investment pool from which each project is funded</p>	
Previous Reference: New column	

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Column No: 9	Column Title: Q&SI Project
Units: n/a	Processing Rules: Input field
Definitions: For each project, Scottish Water should identify if it is an original Q&S I project by inputting "TRUE". If this is not these case then "FALSE" should be inputted.	
Previous Reference: New column	

Column No: 10	Column Title: Pre 02-03 Actual Expenditure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: Actual project expenditure prior to the commencement of the <i>Quality and Standards II</i> period.	
Previous Reference: New column	

Column No: 11	Column Title: 02-03 Actual Expenditure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: Actual project expenditure incurred for the financial year 2002-03.	
Previous Reference: New column	

Column No: 12	Column Title: 03-04 Actual Expenditure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: Actual project expenditure for the financial year 2003-04.	
Previous Reference: New column	

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Column No: 13	Column Title: 04-05 Actual Expenditure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: Actual project expenditure for the financial year 2004-05.	
Previous Reference: New column	
Column No: 14	Column Title: 05-06 Actual Expenditure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: Actual project expenditure for the financial year 2005-06.	
Previous Reference: New column	
Column No: 15	Column Title: Q&SII Period (2002-06) Expenditure Total
Units: £m to 3 dp	Processing Rules: Input field
Definitions: The sum of actual project expenditure to the end of the quarter covered by the return, since commencement of the <i>Quality and Standards II</i> period (April 2002) and the project expenditure for the remainder of the period (until the end of March 2006). Thus, for each project line, this column entry is the sum of entries in columns 11, 12, 13 and 14.	
Previous Reference: New column	

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Column No: 16	Column Title: 06-07 Actual Expenditure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definition: Actual project expenditure for the financial year 2006-07.	
Previous Reference: K56 Col 17	

Column No: 17	Column Title: 07-08 Actual Expenditure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definition: Actual project expenditure for the financial year 2007-08.	
Previous Reference: K56 Col 18	

Column No: 18	Column Title: 08-09 Forecast Expenditure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definition: Forecast project expenditure for the financial year 2008-09.	
Previous Reference: K56 Col 19	

Column No: 19	Column Title: 09-10 Forecast Expenditure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definition: Forecast project expenditure for the financial year 2009-10.	
Previous Reference: K56 Col 20	

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Column No: 20	Column Title: Post 05-06 Expenditure Total (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definition: This is the total cost of the project, within the period of Q&S3a. The sum of columns 16 to 19.	
Previous Reference: K56 Col 21	

Column No: 20a	Column Title: Post 09-10 Expenditure Total (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definition: Forecast project expenditure beyond the financial year 2009-10.	
Previous Reference: New column (2008)	

Column No: 21	Column Title: Q&S II Project Total (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: The sum of actual project expenditure to the end of the quarter covered by the return, since commencement of the <i>Quality and Standards II</i> period (April 2002) and the forecast project expenditure. Thus, for each project line, this column entry is the sum of entries in columns 10, 15, 20 and 20a.	
Previous Reference: New column	

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Column No: 22	Column Title: In WIC 18 vers 3.6 (note this is a text field)
Units: n/a	Processing Rules: Input field
Definitions: For each project, 'TRUE' or 'FALSE' should be entered in this column, corresponding to whether the project is in, or not in, the agreed WIC18 investment programme respectively. This should be consistent with the project references in the WIC18 list and the Capital investment Return.	
Previous Reference: New column	
Column No: 23	Column Title: WIC 18 Pre Efficiency (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: Total project budget, prior to the application of efficiency targets, as inputted in the WIC18 list. For projects listed as 'FALSE' in column M, this entry should be set to zero.	
Previous Reference: New column	
Column No: 24	Column Title: Q&SIII Determination Values - WIC 18 from Table K (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: A Q&S II project's Q&SIII determination value after movement from Table K to WIC 18 updates.	
Previous Reference: New column	

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Column No: 25	Column Title: Grants and Contributions - Infrastructure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definition: The total Grants, contributions and Infrastructure charge elements received from third parties in the Report Year towards water services infrastructure assets. This Grant is applied to the gross infrastructure in the year to derive net expenditure e.g. European Regional Development Fund.	
Previous Reference: K56 Col 22	
Column No: 26	Column Title: Grants and Contributions - Non-infrastructure (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definition: The total Grants and contributions received from third parties in the Report Year towards non-infrastructure assets e.g. European Regional Development Fund.	
Previous Reference: K56 Col 23	
Column No: 27	Column Title: Total Changes in operating costs (£m)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: Total change in annual operating cost resulting from the project. This figure shall include both estimated additional costs arising from new assets as well as savings from, for example, reduction in maintenance costs from operation of new assets.	
Previous Reference: K56 Col 25 / G5orG6 Col 17	

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Column No: 28	Column Title: CIMS Status Code	
Units: n/a	Processing Rules: Input field	
Definition: Enter one of the following WICS codes S0 to S12 - to indicate the current project progress status. The equivalent Scottish Water Capex approval stages are included for clarity.		
WICS Code	Definition	Scottish Water Capex Status
S0	Investment need recognised, but no specific project yet identified	
S1	Inception: project has been identified but no detailed appraisal has been completed	Capex 1 approval
S2	Appraisal: initial detailed appraisal has been completed	Capex 2 approval
S3	Project approved and under development before construction	Capex 3 approval
S4	Project abandoned (stopped and closed at pre-construction stage)	
S6	Tender Award (Agreed target cost and progression to construction)	
S8	Works under construction	
S10	Project completed to Beneficial use achieved	
S11	Works and expenditure complete – project financially closed	Capex 5 approval
S12	Project approved by Quality Regulator	
Previous Reference:	K56 Col 10/ G5orG6 Col 5	

Column No: 29	Column Title: Forecast/ Actual Capex 2 Date (feasibility complete)	
Units: £m to 3 dp	Processing Rules: Input field	
Definitions: For projects yet to reach 'Capex 2' approval, a forecast date for such approval should be provided. Where a project has received 'Capex 2' approval, the actual date should be entered.		
Previous Reference: New column		

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Column No: 30	Column Title: Forecast/ Actual Capex 3 Date (financial approval)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: For projects yet to reach 'Capex 3' approval, a forecast date for such approval should be provided. Where a project has received 'Capex 3' approval, the actual date should be entered.	
Previous Reference: New column	
Column No: 31	Column Title: Forecast/ Actual Planning Approval (where required)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: Date of receipt of planning approval. For projects yet to obtain planning approval, this column should be left blank.	
Previous Reference: New column	
Column No: 32	Column Title: Forecast/ Actual Capex 5 Date (Project completion inc. sign-off)
Units: £m to 3 dp	Processing Rules: Input field
Definitions: For projects yet to reach 'Capex 5' approval, a forecast date for such approval should be provided. Where a project has received 'Capex 5' approval, the actual date should be entered.	
Previous Reference: New column	
Column No: 33	Column Title: Primary Driver
Units: n/a	Processing Rules: Input field
Definition: Enter most relevant single driver code from those listed in Appendix A.	

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Previous Reference: K56 Col 28

Column No: 34	Column Title: Primary Driver % allocation
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Units: Percentage	Processing Rules: Input field
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Definition:

Enter the percentage of project total value that is attributable to the primary driver in column 33

Previous Reference: K56 Col 29

Column No: 35	Column Title: Driver 2
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Units: n/a	Processing Rules: Input field
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Definition:

Enter the most relevant single driver code from those listed in Appendix A.

Previous Reference: K56 Col 30

Column No: 36	Column Title: Driver 2 % allocation
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Units: Percentage	Processing Rules: Input field
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Definition:

Enter the percentage of project total value that is attributable to driver 2, in column 35.

Previous Reference: K56 Col 31

Column No: 37	Column Title: Driver 3
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Units: n/a	Processing Rules: Input field
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Definition:

Enter the most relevant single driver code from those listed in Appendix A.

Previous Reference: K56 Col 32

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Column No: 38	Column Title: Driver 3 % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the driver 3, in column 37.	
Previous Reference: K56 Col 33	

Column No: 39	Column Title: Driver 4
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix A.	
Previous Reference: K56 Col 34	

Column No: 40	Column Title: Driver 4 % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver4, in column 39.	
Previous Reference: K56 Col 35	

Column No: 41	Column Title: Driver 5
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix A.	
Previous Reference: K56 Col 36	

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Column No: 42	Column Title: Driver 5 % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 5 in column 41.	
Previous Reference: K56 Col 37	

Column No: 43	Column Title: Driver 6
Units: n/a	Processing Rules: Input field
Definition: Enter most relevant single driver code from those listed in Appendix A.	
Previous Reference: K56 Col 37a	

Column No: 44	Column Title: Driver 6 % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 6 in column 43.	
Previous Reference: K56 Col 37b	

Column No: 45	Column Title: Driver 7
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix A.	
Previous Reference: K56 Col 37c	

Section G

Column No: 46	Column Title: Driver 7 % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 7, in column 45.	
Previous Reference: K56 Col 37d	

Column No: 47	Column Title: Driver 8
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix A.	
Previous Reference: K56 Col 37e	

Column No: 48	Column Title: Driver 8 % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the driver 8, in column 47.	
Previous Reference: K56 Col 37f	

Column No: 49	Column Title: Driver 9
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix A.	
Previous Reference: K56 Col 37g	

Section G

Column No: 50	Column Title: Driver 9 % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 9, in column 49.	
Previous Reference: K56 Col 37h	

Column No: 51	Column Title: Driver 10
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix A.	
Previous Reference: K56 Col 37i	

Column No: 52	Column Title: Driver 10 %Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 10 in column 51.	
Previous Reference: K56 Col 37j	

Column No: 53	Column Title: Primary Output
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 38	

Section G

Column No: 54	Column Title: Primary Output % allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 53.	
Previous Reference: New column	

Column No: 55	Column Title: Output 2
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 41	

Column No: 56	Column Title: Output 2 % allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 55.	
Previous Reference: New column	

Column No: 57	Column Title: Output 3
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 44	

Section G

Column No: 58	Column Title: Output 3 % allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 57.	
Previous Reference: New column	

Column No: 59	Column Title: Output 4
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 47	

Column No: 60	Column Title: Output 4% allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 59.	
Previous Reference: New column	

Column No: 61	Column Title: Output 5
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 50	

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Column No: 62	Column Title: Output 5 % allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 61.	
Previous Reference: New column	

Column No: 63	Column Title: Output 6
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 53	

Column No: 64	Column Title: Output 6 % allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 63.	
Previous Reference: New column	

Column No: 65	Column Title: Output 7
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 56	

Section G

Column No: 66	Column Title: Output 7 % allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 65.	
Previous Reference: New column	

Column No: 67	Column Title: Output 8
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 59	

Column No: 68	Column Title: Output 8 % allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 67.	
Previous Reference: New column	

Column No: 69	Column Title: Output 9
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 62	

Section G

Column No: 70	Column Title: Output 9 % allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 69	
Previous Reference: New column	

Column No: 71	Column Title: Output 10
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix A.	
Previous Reference: K56 Col 65	

Column No: 72	Column Title: Output 10 % allocation
Units: n/a	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary output in column 71.	
Previous Reference: New column	

SECTION G
Project Analysis Q&S 3 - Actuals & Forecast - Water & Wastewater

Edition 6

TABLE G6 DEFINITIONS (Q&S3)**COLUMN DEFINITIONS**

Column No: 1	Column Title: Project Autocode
Units: n/a	Processing Rules: Input field
<p>Definition:</p> <p>This is the project code allocated to the project within the Scottish Water investment programme database. All codes should be mutually exclusive and relate to discreet projects. All projects that have been disaggregated from other projects or schemes should have an audit trail that may, from time to time, be scrutinised by the Reporter.</p> <p>Any projects contained in the Quality & Standards II project list and also (for whatever reason) in the list of projects for Quality & Standards III must have the same project autocode in both submissions. Quality and Standards II projects must contain the same autocode as used in the WIC18 and Capital Investment Return submissions.</p>	
Previous Reference: K56 Col 1	

Column No: 2	Column Title: Project Title
Units: n/a	Processing Rules: Input field
<p>Definition:</p> <p>This is the project title used in the Scottish Water investment programme database. Any projects contained in the Quality & Standards II project list and also (for whatever reason) in the list of projects for Quality & Standards III must have the same project title in both submissions. Quality and Standards II projects must contain the same Title as used in the WIC 18 and Capital Investment Returns. The project title, wherever possible, should give some indication of the type of works to be undertaken as part of the project.</p>	
Previous Reference: K56 Col 2	

Section G

Column No: 3	Column Title: Water or Wastewater project (primary purpose)
Units: n/a	Processing Rules: Input field
Definition: One of the primary purposes: 'water' or 'wastewater', should be entered to indicate whether the project falls under the water or wastewater function. Any cross-functional work will need to be split into: water <i>and</i> wastewater projects.	
Previous Reference: K56 Col 3	
Column No: 4	Column Title: Technical Expression – Sign-off Owner
Units: n/a	Processing Rules: Input field
Definition: The counterparty to the sign-off process as agreed in the OMG group.	
Previous Reference: New column	
Column No: 5	Column Title: Accountability
Units: n/a	Processing Rules: Input field
Definition: For each project, the body accountable for project management should be quoted. The entry 'SW' should be given where SW has full accountability for the project. Where Scottish Water Solutions (SWS) is accountable, 'SWS – managed' or 'SWS – allocated' should be used, where the project is underway or in development respectively (or whatever alternative note is deemed appropriate).	
Previous Reference: New column	

Section G

Column No: 6	Column Title: Programming Grouping
Units: n/a	Processing Rules: Input field
Definition: Scottish Water's business activity group from the programme that will benefit from the investment made for each individual project.	
Previous Reference: New column	

Column No: 7	Column Title: Project Classification 1
Units: n/a	Processing Rules: Input field
Definition: Enter only <i>one</i> of the following secondary purposes: <ul style="list-style-type: none"> ▪ Capital Maintenance ▪ Quality ▪ Supply/Demand ▪ Enhanced Service For any combined projects, the dominant purpose should be entered.	
Previous Reference: K56 Col 4	

Section G

Column No: 8	Column Title: Project Classification 2
Units: n/a	Processing Rules: Input field
<p>Definition:</p> <p>Enter one of the following secondary classifications, only if the project is estimated to total £100k total or less.</p> <ul style="list-style-type: none"> ▪ Infra – IRE ▪ Infra – Non IRE ▪ Non Infra <p>For projects totalling over £100k this cell should be left blank and the total project cost proportionately allocated by value across columns 9 (Infra – IRE), 10 (Infra – Non IRE) and 11 (Non-Infra).</p> <p>Note: Infra, Non-Infra, IRE and Non IRE are defined in WICS Regulatory Accounting Rules 1.</p>	
Previous Reference: K56 Col 5	
Column No: 9	Column Title: Infra - IRE Proportion of Projects over £100k
Units: £m to 3 dp	Processing Rules: Input field
<p>Definition:</p> <p>For projects estimated to total more than £100k, enter the proportion of the total cost attributable to Infra-IRE.</p> <p>Note: Infra-IRE is defined in WICS Regulatory Accounting Rules 1.</p>	
Previous Reference: K56 Col 6	
Column No: 10	Column Title: Infra-Non IRE Proportion of Projects over £100k
Units: £m to 3 dp	Processing Rules: Input field
<p>Definition:</p> <p>For projects estimated to total more than £100k, enter the proportion of the total cost attributable to Infra-Non IRE.</p> <p>Note: Infra-Non IRE is defined in WICS Regulatory Accounting Rules 1.</p>	
Previous Reference: K56 Col 7	

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Column No: 11	Column Title: Non - Infra Proportion of Projects over £100k
Units: £m to 3 dp	Processing Rules: Input field
Definition: For projects estimated to total more than £100k, enter the proportion of the total cost attributable to Non-Infra Note: Non-Infra is defined in WICS Regulatory Accounting Rules 1.	
Previous Reference: K56 Col 8	

Column No: 12	Column Title: Current Project Status Code	
Units: n/a	Processing Rules: Input field	
Definition: Enter one of the following WICS codes S0 to S12 - to indicate the current project progress status. The equivalent Scottish Water Capex approval stages are included for clarity.		
WICS Code	Definition	Scottish Water Capex Status
S0	Investment need recognised, but no specific project yet identified	
S1	Inception: project has been identified but no detailed appraisal has been completed	Capex 1 approval
S2	Appraisal: initial detailed appraisal has been completed	Capex 2 approval
S3	Project approved and under development before construction	Capex 3 approval
S4	Project abandoned (stopped and closed at pre-construction stage)	
S6	Tender Award (Agreed target cost and progression to construction)	
S8	Works under construction	
S10	Project completed to Beneficial use – This stage INCLUDES regulatory sign off.	
S11	Works and expenditure complete – project financially closed	Capex 5 approval
Previous Reference:	New	

Section G

Column No: 13	Column Title: Forecast / Actual Project CAPEX 2 Date (Feasibility complete)
Units: mmm-yyyy	Processing Rules: Input field
Definition: Enter the month and year at which the project is either forecast to achieve, or actually did achieve, WICS' project status code S2. This is the equivalent of Scottish Water's CAPEX 2 approval. For those programmes of work being reported as aggregated lines, leave cell blank.	
Previous Reference: New column	

Column No: 14	Column Title: Forecast / Actual Project CAPEX 3 Date (Financial approval)
Units: mmm-yyyy	Processing Rules: Input field
Definition: Enter the month and year at which the project is either forecast to achieve, or actually did achieve, WICS' project status code S3. This is the equivalent of Scottish Water's CAPEX 3 approval. For those programmes of work being reported as aggregated lines, leave cell blank.	
Previous Reference: K56 Col 11	

Column No: 15	Column Title: Forecast / Actual Planning Approval (where required)
Units: mmm-yyyy	Processing Rules: Input field
Definition: Enter the month and year at which it is forecast that physical construction will commence or did commence on the project site. For those programmes of work being reported as aggregated lines, leave cell blank.	
Previous Reference: K56 Col 12	

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Column No: 16	Column Title: Forecast / Actual – Capex 5 Date (Project completion inc. sign-off)
Units: mmm-yyyy	Processing Rules: Input field
<p>Definition:</p> <p>Enter the month and year (e.g. mar-2008) the project is either forecast to, or actually has achieved, beneficial use, (i.e project status S10).</p> <p>'Beneficial use', means that the specified outputs of the project are available, and customers (or the environment) are able to enjoy the full benefit of the investment. In many cases 'beneficial use' will occur some time before works and expenditure are complete and the project is closed (i.e. project status S11). Note – this milestone includes Regulatory sign-off in Q&S III.</p>	
Previous Reference: New line	
Column No: 17	Column Title: Project Location – Local Authority
Units: n/a	Processing Rules: Input field
<p>Definition:</p> <p>Enter the name of a single Local Authority within which, the majority of the works are located. This information relates to the physical location of the works, not the location of the population served.</p>	
Previous Reference: K56 Col 14	
Column No: 18	Column Title: Expenditure Pre 2006-07
Units: £m to 3 dp	Processing Rules: Input field
<p>Definition:</p> <p>Enter any expenditure incurred on an individual project prior to the start of the Quality and Standards III period (1 April 2006). This should include expenditure on Q&S II Completion Projects to the extent that they have been funded by Q&S III. When this is the case, Scottish Water should list and detail these Completion Projects separately in its Commentary.</p>	
Previous Reference: K56 Col16	

Section G

Column No: 19	Column Title: Actual Expenditure 2006-07
Units: £m to 3 dp	Processing Rules: Input field
Definition: Actual project expenditure during 2006/07. This should include expenditure on Q&S II Completion Projects to the extent that they have been funded by Q&S III. When this is the case, Scottish Water should list and detail these Completion Projects separately in its Commentary.	
Previous Reference: K56 Col 17	

Column No: 20	Column Title: Actual Expenditure 2007-08
Units: £m to 3 dp	Processing Rules: Input field
Definition: Actual project expenditure during 2007/08. This should include expenditure on Q&S II Completion Projects to the extent that they have been funded by Q&S III. When this is the case, Scottish Water should list and detail these Completion Projects separately in its Commentary.	
Previous Reference: K56 Col 18	

Column No: 21	Column Title: Forecast Expenditure 2008-09
Units: £m to 3 dp	Processing Rules: Input field
Definition: Forecast project expenditure during 2008/09. This should include expenditure on Q&S II Completion Projects to the extent that they have been funded by Q&S III. When this is the case, Scottish Water should list and detail these Completion Projects separately in its Commentary.	
Previous Reference: K56 Col 19	

Section G

Column No: 22	Column Title: Forecast Expenditure 2009-10
Units: £m to 3 dp	Processing Rules: Input field
Definition: Forecast project expenditure during 2009/10. This should include expenditure on Q&S II Completion Projects to the extent that they have been funded by Q&S III. When this is the case, Scottish Water should list and detail these Completion Projects separately in its Commentary.	
Previous Reference: K56 Col 20	
Column No: 23	Column Title: Total Q&S IIIa period expenditure to 2009-10
Units: £m to 3 dp	Processing Rules: Input field
Definition: This is the total cost of the project, irrespective of when the expenditure is incurred. The sum of columns 18 to 22.	
Previous Reference: K56 Col 21	
Column No: 24	Column Title: Post 09-10 expenditure
Units: £m to 3 dp	Processing Rules: Input field
Definition: The forecasted spend on each project that will be incurred beyond the financial year 2009-10.	
Previous Reference: New column	

Section G

Column No: 25	Column Title: Project Grand Total expenditure
Units: £m to 3 dp	Processing Rules: Input field
Definition: This is the full cost of the project, irrespective of the period when the expenditure is incurred. The sum of Columns 23 and 24.	
Previous Reference: New column	
Column No: 26	Column Title: Table K Budget allocation
Units: £m to 3 dp	Processing Rules: Input field
Definition: This is the budget allocated to the project in Table K56 of the 2005-06 Annual Return.	
Previous Reference: New column	
Column No: 27	Column Title: Grants for infrastructure assets
Units: £m to 3 dp	Processing Rules: Input field
Definition: The total Grants and Infrastructure charge elements received from third parties in the Report Year towards water services infrastructure assets. This Grant is applied to the gross infrastructure in the year to derive net expenditure e.g. European Regional Development Fund.	
Previous Reference: K56 Col 22	

Section G

Column No: 28	Column Title: Grants for non-infrastructure assets
Units: £m to 3 dp	Processing Rules: Input field
Definition: The total Grants received from third parties in the Report Year towards non-infrastructure assets e.g. European Regional Development Fund.	
Previous Reference: K56 Col 23	

Column No: 29	Column Title: Contributions to infrastructure assets
Units: £m to 3 dp	Processing Rules: Input field
Definition: The total contributions and Infrastructure charge elements received from third parties in the Report Year towards water services infrastructure assets. This Grant is applied to the gross infrastructure in the year to derive net expenditure e.g. European Regional Development Fund.	
Previous Reference: K56 Col 22	

Column No: 30	Column Title: Contributions to non-infrastructure assets
Units: £m to 3 dp	Processing Rules: Input Field
Definition: The total contributions received from third parties in the Report Year towards non-infrastructure assets e.g. European Regional Development Fund.	
Previous Reference: K56 Col 23	

Section G

Column No: 31	Column Title: Impact of Project on Scottish Water's Gross MEAV (Gross Modern Equivalent Asset Valuation)
Units: £m to 3dp	Processing Rules: Input field
<p>Definition:</p> <p>This is the forecast project impact on Scottish Water's total asset base valuation. This should be measured by the impact that the individual project will have on the Gross Modern Equivalent Asset Valuation (Gross MEAV) of the total asset base. This information will enable WICS to monitor changes made within the asset inventory and reconcile these to the developments in the investment programme as the period moves forward.</p>	
Previous Reference: K56 Col 24	
Column No: 32	Column Title: Impact of project on OPEX - additional operating expenditure
Units: £ per annum	Processing Rules: Input field
<p>Definition:</p> <p>This is the estimated impact that the project will have on average annual operating expenditure. This figure should be the net change in costs arising from new and improved assets, taking account of any savings. Opex cost savings may result from the operation of new/improved assets.</p>	
Previous Reference: K56 Col 25	
Column No: 33	Column Title: Proportion of Capital Maintenance Element of Project - £m
Units: £m to 3dp	Processing Rules: Input field
<p>Definition:</p> <p>This is the proportion of the individual project cost that is ascribed to a capital maintenance driver. The proportion should be expressed financially as £m.</p>	
Previous Reference: K56 Col 26	

Section G

Column No: 34	Column Title: Proportion of Capital Maintenance Element of Project - %
Units: Percentage	Processing Rules: Input field
Definition: This is the proportion of the individual project cost that is ascribed to a capital maintenance driver. The proportion should be expressed as a percentage of the total project budget in column 25.	
Previous Reference: K56 Col 27	
Column No: 35	Column Title: Capital Maintenance Element of Project – Driver
Units: n/a	Processing Rules: Input field
Definition: Enter most relevant Capital Maintenance driver code from those listed in Appendix B.	
Previous Reference: K56 Col 27a	
Column No: 36	Column Title: Capital Maintenance Element of Project - Output
Units: n/a	Processing Rules: Input field
Definition: Enter most relevant Capital Maintenance output code reference from Appendix B.	
Previous Reference: K56 Col 27b	

Section G

Column No: 37	Column Title: Population/population equivalent released from development constraints
Units: nr	Processing Rules: Input field
Definition: This is the population or population equivalent released from development previously constrained by capacity limitations of Scottish Water's assets. This may be attributable to investment driven specifically by the release of development constraints or to incremental benefits of investment driven by other drivers (e.g. quality, capital maintenance, etc).	
Previous Reference: K56 Col 15	

Column No: 38	Column Title: Regulatory sign off required
Units: n/a	Processing Rules:
Definition: Confirmation is required as to whether or not the project requires Regulatory sign-off before it can be formally completed. Input "TRUE" if this is the case or otherwise "FALSE".	
Previous Reference: New column	

This section (columns 39 to 58 inclusive) requires drivers (after capital maintenance) to be proportionally allocated to individual projects. Where possible, drivers specified by stakeholders as part of the Quality & Standards III process have been used. Appendix A, to these definitions contains lists of drivers and the codes that are to be used. These are the drivers upon which Quality & Standards III investment proposals were based (apart from capital maintenance), and only drivers contained in the lists should be used.

Column No: 39	Column Title: Primary Driver After Capital Maintenance
Units: n/a	Processing Rules: Input field
Definition: Enter most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 28	

Section G

Column No: 40	Column Title: Primary Driver % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the primary driver in column 39.	
Previous Reference: K56 Col 29	

Column No: 41	Column Title: Driver 2
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 30	

Column No: 42	Column Title: Driver 2 - % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 2, in column 41.	
Previous Reference: K56 Col 31	

Column No: 43	Column Title: Driver 3
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 32	

Section G

Column No: 44	Column Title: Driver 3 - % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the driver 3, in column 43.	
Previous Reference: K56 Col 33	

Column No: 45	Column Title: Driver 4
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 34	

Column No: 46	Column Title: Driver 4 - % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver4, in column 45.	
Previous Reference: K56 Col 35	

Column No: 47	Column Title: Driver 5
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 36	

Section G

Column No: 48	Column Title: Driver 5 - % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 5 in column 47.	
Previous Reference: K56 Col 37	

Column No: 49	Column Title: Driver 6
Units: n/a	Processing Rules: Input field
Definition: Enter most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 37a	

Column No: 50	Column Title: Driver 6 - % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 6 in column 49	
Previous Reference: K56 Col 37b	

Column No: 51	Column Title: Driver 7
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 37c	

Section G

Column No: 52	Column Title: Driver 7 - % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 7, in column 51.	
Previous Reference: K56 Col 37d	

Column No: 53	Column Title: Driver 8
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 37e	

Column No: 54	Column Title: Driver 8 % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to the driver 8, in column 53.	
Previous Reference: K56 Col 37f	

Column No: 55	Column Title: Driver 9
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 37g	

Section G

Column No: 56	Column Title: Driver 9 - % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 9, in column 55.	
Previous Reference: K56 Col 37h	

Column No: 57	Column Title: Driver 10
Units: n/a	Processing Rules: Input field
Definition: Enter the most relevant single driver code from those listed in Appendix B.	
Previous Reference: K56 Col 37i	

Column No: 58	Column Title: Driver 10 - % Allocation
Units: Percentage	Processing Rules: Input field
Definition: Enter the percentage of project total value that is attributable to driver 10 in column 57.	
Previous Reference: K56 Col 37j	

This section (cols 59 to 88 inclusive) requires output information for individual projects. For simplicity, outputs have been assigned to the set of driver codes employed above (as detailed in Appendix A). For each project line in the programme, the primary output should be identified and apportioned where appropriate over a maximum of 4 other outputs. Lists of output classifications are contained in Appendix B to this guidance. Only outputs contained in Appendix B should be used.

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Column No: 59	Column Title: Primary Output
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 38	

Column No: 60	Column Title: Primary Output Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 38.	
Previous Reference: K56 Col 39	

Column No: 61	Column Title: Primary Output Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 39, the project aims to achieve.	
Previous Reference: K56 Col 40	

Column No: 62	Column Title: Output 2
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 41	

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Column No: 63	Column Title: Output 2 Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 41.	
Previous Reference: K56 Col 42	

Column No: 64	Column Title: Output 2 Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 42, the project aims to achieve.	
Previous Reference: K56 Col 43	

Column No: 65	Column Title: Output 3
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 44	

Column No: 66	Column Title: Output 3 Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 44.	
Previous Reference: K56 Col 45	

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Column No: 67	Column Title: Output 3 Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 45, the project aims to achieve.	
Previous Reference: K56 Col 46	

Column No: 68	Column Title: Output 4
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 47	

Column No: 69	Column Title: Output 4 Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 47.	
Previous Reference: K56 Col 48	

Column No: 70	Column Title: Output 4 Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 48, the project aims to achieve.	
Previous Reference: K56 Col 49	

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Column No: 71	Column Title: Output 5
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 50	

Column No: 72	Column Title: Output 5 Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 50.	
Previous Reference: K56 Col 51	

Column No: 73	Column Title: Output 5 Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 51, the project aims to achieve.	
Previous Reference: K56 Col 52	

Column No: 74	Column Title: Output 6
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 53	

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Column No: 75	Column Title: Output 6 Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 53.	
Previous Reference: K56 Col 54	

Column No: 76	Column Title: Output 6 Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 54, the project aims to achieve.	
Previous Reference: K56 Col 55	

Column No: 77	Column Title: Output 7
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 56	

Column No: 78	Column Title: Output 7 Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 56.	
Previous Reference: K56 Col 57	

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Column No: 79	Column Title: Output 7 Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 57, the project aims to achieve.	
Previous Reference: K56 Col 58	

Column No: 80	Column Title: Output 8
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 59	

Column No: 81	Column Title: Output 8 Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 59.	
Previous Reference: K56 Col 60	

Column No: 82	Column Title: Output 8 Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 60, the project aims to achieve.	
Previous Reference: K56 Col 61	

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Column No: 83	Column Title: Output 9
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 62	

Column No: 84	Column Title: Output 9 Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 62.	
Previous Reference: K56 Col 63	

Column No: 85	Column Title: Output 9 Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 63, the project aims to achieve.	
Previous Reference: K56 Col 64	

Column No: 86	Column Title: Output 10
Units: n/a	Processing Rules: Input field
Definition: Enter a relevant output code reference from Appendix B.	
Previous Reference: K56 Col 65	

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Column No: 87	Column Title: Output 10 Unit
Units: as applicable	Processing Rules: Input field
Definition: Enter the output units (from Appendix B) that correspond with the reference code in column 65.	
Previous Reference: K56 Col 66	

Column No: 88	Column Title: Output 10 Value
Units: n/a	Processing Rules: Input field
Definition: Enter the amount of the units specified in column 66, the project aims to achieve.	
Previous Reference: K56 Col 67	

**SECTION G
CHAPTERS G7**

Q&S 2 OUTPUT DELIVER

TABLE G7 DEFINITIONS**BLOCK 1: Progress with Q&S 2 Outputs**

G7.1	Properties receiving first time provision of water (DW_FT)	Number
-------------	---	---------------

Definition: The number of properties receiving first time provision of water under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.2	Removal of properties from the poor pressure register (DW_P)	Number
-------------	---	---------------

Definition: The number of properties removed from the poor pressure register under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.3	Drinking water drivers addressed (DW_WQ)	Number
-------------	---	---------------

Definition: The number of drinking water driver addressed under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.4	Mains Rehabilitated (WM_R)	km
-------------	-----------------------------------	-----------

Definition: The length of mains rehabilitated under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

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G7.5	Continuous discharges removed (WW_C)	Number
-------------	---	---------------

Definition: The number of continuous discharges removed under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.6	Removal of properties from the "at risk" flooding register (WW_FR)	Number
-------------	---	---------------

Definition: The number of properties removed from the "at risk" flooding register under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.7	Properties receiving first time provision of sewerage (WW_FT)	Number
-------------	--	---------------

Definition: The number of properties that received first time provision of sewerage under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.8	Sewers rehabilitated (WW_R)	km
-------------	------------------------------------	-----------

Definition: The length of sewers rehabilitated under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

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G7.9	UCSOs removed (WW_UCSO)	Number
-------------	--------------------------------	---------------

Definition: The number of UCSOs removed under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

BLOCK 2: WIC 16 Progress

G7.10	Number of projects in agreed WIC 16 programme	Number
--------------	--	---------------

Definition: The number of projects from the agreed WIC 16 programme in existence at the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.11	Number of WIC 16 projects at beneficial use milestone (S10)	Number
--------------	--	---------------

Definition: The number of WIC 16 projects that had reached the beneficial use milestone S10 at the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.12	Forecast/Actual completion date for WIC 16 programme	Date
--------------	---	-------------

Definition: The date of forecasted or actual completion of the WIC 16 programme under the Q&S 2 programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

BLOCK 3: Progress with Quality and Standards 2 sign off

G7.13	Total number of projects in the programme for sign off	Number
--------------	---	---------------

Definition: The total number of Quality and Standards 2 (Q&S 2) projects which have achieved or require regulatory sign off at the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.14	Total number of projects completed to beneficial use milestone	Number
--------------	---	---------------

Definition: The total number of projects from the Quality and Standards 2 (Q&S 2) programme completed to the beneficial use milestone at the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.15	Number of projects submitted by SW to DWQR/SEPA for sign off	Number
--------------	---	---------------

Definition: The total number of Q&S 2 projects submitted by SW to the Drinking Water Quality Regulator (DWQR) or the Scottish Environmental Protection Agency (SEPA) for sign off at the end of the report year.

Processing rules: Input field

Previous references: New Line

G7.16	Number of projects signed off by DWQR/SEPA	Number
--------------	---	---------------

Definition: The total number of Q&S 2 projects signed off by the Drinking Water Quality Regulator (DWQR) or the Scottish Environmental Protection Agency (SEPA) at the end of

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the report year. This should include all Q&S 2 projects signed off in previous years and the current year.

Processing rules: Input field

Previous references: New Line

G7.17	Percentage of the total number of projects in the programme signed off	%
--------------	---	----------

Definition: The percentage of the total number of projects in the Quality and Standards 2 (Q&S 2) programme signed-off at the end of the report year.

Processing rules: Input field

Previous references: New Line

**SECTION G
CHAPTERS G8**

Q&S 3 OUTPUT DELIVERY

Edition 6

TABLE G8 DEFINITIONS**BLOCK 1: Customer Service**

G8.1	Number of works where odour problem is addressed	Nr
-------------	---	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of works where an odour problem has been addressed under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

BLOCK 2: Water Quality

G8.2	Improve drinking water quality for 1.5m people	Pop
-------------	---	------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the population for whom the quality of their drinking water has been improved under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.3	Improve disinfection control for 4m people	Pop
-------------	---	------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the population for whom disinfection control has improved under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

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G8.4	Number of lead pipes removed as a result of customer requests	Nr
-------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of lead pipes removed as a result of customer requests under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.5	Number of water resource zones with reduced abstraction	Nr
-------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of water resource zones with reduced abstraction under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.6	Number of water sources provided with flow monitoring and recording	Nr
-------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of water sources provided with flow monitoring and recording under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.7	Number of flood studies undertaken	Nr
-------------	---	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical

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expression, the number of relevant flood studies undertaken under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.8	Number of backflow preventions devices installed	Nr
-------------	---	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the technical expression, the number of backflow prevention devices installed under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.9	Number of cross-connections made redundant	Nr
-------------	---	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of cross-connections made redundant under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.10	Number of sites with increased security	Nr
--------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of sites with increased security organised under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

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G8.11	% of population covered with water safety plans	%
--------------	--	----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the percentage of the population covered with water safety plans under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

BLOCK 3: Waste-water Quality

G8.12	Number of unsatisfactory intermittent discharges improved	Nr
--------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of unsatisfactory intermittent discharges that have improved under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.13	Number of waste water treatment works' discharges improved to meet new consent requirements	Nr
--------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of wastewater treatment works' discharges improved to meet new consent requirements under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

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G8.14	Number of First Time Provision projects to meet environmental objectives in the Directions (cumulative)	Nr
--------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of first time provision projects to meet environmental objectives in the Directions (cumulative), under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.15	Number of wastewater treatment works upgraded to meet existing consent requirements	Nr
--------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of wastewater treatment works upgraded to meet existing consent requirements, under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.16	Number of management and monitoring systems at works to meet IPPC Regulations	Nr
--------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of management and monitoring systems at works to meet IPPC Regulations, under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.17	Number of landfill sites contained, monitored and decommissioned	Nr
--------------	---	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of landfill sites contained, monitored and decommissioned during under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

BLOCK 4: Development Constraints

G8.18	Provide strategic capacity at wastewater treatment works	p.e.
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the population equivalent released by the provision of strategic capacity at wastewater treatment works under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.19	Provide strategic capacity at water treatment works	p.e.
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the population equivalent released by the provision of strategic capacity at water treatment works under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

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G8.20	Total New Connections (including regeneration)	Nr
--------------	---	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the total number of new connections (including regeneration) made under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.21	Implied regeneration, growth/shrinkage in customer base	Nr
--------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the growth/shrinkage in the customer base due to implied regeneration, under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.22	Net increase/(decrease) in billed properties	Nr
--------------	---	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the net increase (or decrease) in the number of billed properties, under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.23	Properties relieved from development constraint	Nr
--------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of properties relieved from

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development constraint under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

BLOCK 5: Introduction of Competition

G8.24	Number of non-domestic meters installed	Nr
--------------	--	-----------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the number of non-domestic meters installed under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

BLOCK 6: Additional Capital Maintenance Allowance

G8.25	SEPA priorities for capital maintenance expenditure (£20m)	£m (3dp)
--------------	---	-----------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the expenditure on capital maintenance projects deemed priority by the Scottish Environmental Protection Agency (SEPA) incurred under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.26	DWQR priorities for capital maintenance expenditure (£10m)	£m (3dp)
--------------	---	-----------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the expenditure on capital maintenance projects deemed priority by the Drinking Water Quality

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Regulator (DWQR) incurred under the Q&S 3a programme by the end of the report year.

Processing rules: Input field

Previous references: New Line

BLOCK 7: Leakage

G8.27	First pass Economic level of leakage estimated and presented to Commission	Date
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water's first pass Economic level of leakage is estimated and presented to the Commission.

Processing rules: Input field

Previous references: New Line

G8.28	DMA coverage to include 96% of connected properties in Scotland	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water's DMA coverage will include 96% of all connected properties in Scotland.

Processing rules: Input field

Previous references: New Line

G8.29	Revised ELL presented to the Commission	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water's revised ELL is to be presented to the Commission.

Processing rules: Input field

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Previous references: New Line

BLOCK 8: Water Resource Studies

G8.30	Initial Water Resource Plan submitted to SEPA	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water will submit its initial Water Resource Plan to SEPA.

Processing rules: Input field

Previous references: New Line

G8.31	Technical studies complete for the 37 water resource zones subject to the Birds & Habitats Directive	Date
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which technical studies on the 37 water resource zones subject to the Birds and Habitats Directive will be completed.

Processing rules: Input field

Previous references: New Line

G8.32	Technical studies complete for the 41 water resource zones subject to the Water Framework Directive	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which technical studies on the 41 water resource zones subject to the Water Framework Directive will be completed.

Processing rules: Input field

Previous references: New Line

G8.33	Detailed Plan available for the work required in each of the 37 zones (Birds and Habitats Directive)	Date
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which detailed plans for the work required in each of the 37 zones (Bird and Habitats Directive) will be available.

Processing rules: Input field

Previous references: New Line

G8.34	Quantified costs and timescales for the 37 zones where work is straightforward (Birds and Habitats Directive)	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & and the agreed technical expression, the target or actual date by which the costs and timescales for the 37 zones where work is straightforward (Bird and Habitats Directive) will be quantified.

Processing rules: Input field

Previous references: New Line

G8.35	Agree with DWQR scope and timescales for changes to address drinking water quality issues in the 37 water resource zones subject to the Birds and Habitats Directive	Date
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water will agree with the Drinking Water Quality Regulator (DWQR) the scope and timescale for changes to address drinking water quality issues in the 37 water resource zones subject to the Birds and Habitats Directive.

Processing rules: Input field

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Previous references: New Line

G8.36	Flow gauging strategy agreed with SEPA and installation commenced	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the date by which Scottish Water should agree with the Scottish Environmental Protection Agency (SEPA) its flow gauging strategy and have commenced installation.

Processing rules: Input field

Previous references: New Line

G8.37	Quantified costs and timescales for the remaining (complex) 37 zones (Birds and Habitats Directive)	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water should have quantified the costs and timescales for the remaining (complex) 37 zones (Specifically the Birds and Habitats Directive).

Processing rules: Input field

Previous references: New Line

G8.38	Competitive tenders sought for the zones where the work is straightforward (Water Framework Directive)	Date
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water should start seeking competitive tenders for the zones where the work is straightforward (specifically the Water Framework Directive).

Processing rules: Input field

Previous references: New Line

G8.39	Agree with DWQR scope and timescales for changes to address drinking water quality issues in the 41 remaining zones	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water should agree with the Drinking Water Quality Regulator (DWQR) the timescale and changes for addressing the drinking water quality issues in the remaining 41 zones.

Processing rules: Input field

Previous references: New Line

G8.40	Costs quantified for the remaining (complex) zones and presented to the Commission	Date
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water will quantify the costs for the remaining (complex) zones and present these to the Commission.

Processing rules: Input field

Previous references: New Line

BLOCK 9: UID Strategic Studies

G8.41	Technical Studies completed for Portobello and Glasgow catchments	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water will have completed technical studies on the Portobello and Glasgow catchment areas.

Processing rules: Input field

Previous references: New Line

G8.42	Technical Studies completed for Meadowhead and Stevenston catchments	Date
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water will have completed technical studies on the Meadowhead and Stevenston catchment areas.

Processing rules: Input field

Previous references: New Line

G8.43	Identify and Agree with SEPA the optimum solutions for Portobello and Glasgow catchments	Date
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water will have agreed with the Scottish Environmental Protection Agency (SEPA), the optimum solutions for the Portobello and Glasgow catchments areas.

Processing rules: Input field

Previous references: New Line

G8.44	Complete detailed design and receive tenders for works required in Portobello and Glasgow catchments	Date
--------------	---	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water will have completed the detailed design of the projects and have received tenders for the works required in the Portobello and Glasgow catchment areas.

Processing rules: Input field

Previous references: New Line

G8.45	Identify and Agree with SEPA the optimum solutions for Meadowhead and Stevenston catchments	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water will have identified and agreed with SEPA the optimum solutions for the Meadowhead and Stevenston catchment areas.

Processing rules: Input field

Previous references: New Line

G8.46	Complete detailed design and receive tenders for works required in Meadowhead and Stevenston catchments	Date
--------------	--	-------------

Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which Scottish Water will have completed the detailed design of the projects and have received tenders for the works required in the Meadowhead and Stevenston catchment areas.

Processing rules: Input field

Previous references: New Line

G8.47	Construction complete at all UIDs in the Portobello catchment	Date
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Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which construction will be complete at all UIDs in the Portobello catchment area.

Processing rules: Input field

Previous references: New Line

G8.48	Construction complete at all UIDs in the Glasgow catchment	Date
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Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the date by which all construction will be complete at all UIDs in the Glasgow catchment area.

Processing rules: Input field

Previous references: New Line

G8.49	Construction complete at all UIDs in the Meadowhead and Stevenston catchments	Date
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Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objective(s) & the agreed technical expression, the target or actual date by which all construction will be complete at all UIDs in the Meadowhead and Stevenston catchment area.

Processing rules: Input field

Previous references: New Line

BLOCK 10: Progress with Quality and Standards 3 sign off

G8.50	Total number of projects in the programme for sign off	Date
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Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objectives & the agreed technical expression, the total number of projects in the Q&S 3 programme requiring regulatory sign off.

Processing rules: Input field

Previous references: New Line

G8.51	Total number of projects completed to beneficial use milestone	Number
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Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objectives & the agreed technical expression, the total number of projects in the Q&S 3 programme requiring regulatory sign off that have been completed to the beneficial use milestones.

Processing rules: Input field

Previous references: New Line

G8.52	Number of projects submitted by SW to DWQR/SEPA for sign off	Number
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Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objectives & the agreed technical expression, the total number of projects submitted by Scottish Water to the DWQR and SEPA for sign-off, by the end of the report year.

Processing rules: Input field

Previous references: New Line

G8.53	Number of projects signed off by DWQR/SEPA	Number
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Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objectives & the agreed technical expression, the total number of Q&S 3 projects signed off as completed by the DWQR and SEPA by the end of the report year.

Processing rules: Input field

Previous references: New Line

Section G

G8.54	Percentage of the total number of projects in the programme signed off	%
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Definition: With reference to the appropriate Quality and Standards 3 (Q&S 3) objectives, the percentage of the whole Q&S 3 programme that has been signed off by the end of the report year.

Processing rules: Input field

Previous references: New Line

**SECTION G
CHAPTERS G9**

Q&S 3 Ministerial Objectives - Serviceability

Edition 6

TABLE G9 DEFINITIONS**BLOCK 1: Water Serviceability Indicators (Annual Measure)**

G9.1	% of compliant zones for Iron	%
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Definition: With reference to the required serviceability standard, the total percentage of compliant zones for Iron in the relevant time period.

Processing rules: Input field

Previous references: New Line

G9.2	% of compliant zones for manganese	%
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Definition: With reference to the required serviceability standard, the total percentage of compliant zones for Manganese in the relevant time period.

Processing rules: Input field

Previous references: New Line

G9.3	Number of microbiological failures at water treatment works	Nr
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Definition: With reference to the required serviceability standard, the total number of water treatment works for microbiology failures in the relevant time period.

Processing rules: Input field

Previous references: New Line

G9.4	Number of properties on the low pressure register	Nr
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Definition: With reference to the required serviceability standard, the total number of properties on the low pressure register in the relevant time period.

Processing rules: Input field

Section G

Previous references: New Line

G9.5	Number of properties with unplanned interruptions > 12 hours	Nr
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Definition: With reference to the required serviceability standard, The total number of properties with unplanned interruptions greater than 12 hours long, in the relevant time period.

Processing rules: Input field

Previous references: New Line

G9.6	Number of bursts per 1,000km of mains	Nr
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Definition: With reference to the required serviceability standard, The total number of bursts per 1,000km of mains for the relevant time period.

Processing rules: Input field

Previous references: New Line

BLOCK 2: Wastewater Serviceability Indicators (Annual Measure)

G9.7	Number of properties at risk of internal flooding	Nr
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Definition: With reference to the required serviceability standard, the number of properties at risk of internal flooding.

Processing rules: Input field

Previous references: New Line

G9.8	Number of properties internally flooded due to other causes	Nr
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Definition: With reference to the required serviceability standard, the number of properties internally flooded due to other causes.

Processing rules: Input field

Section G

Previous references: New Line

G9.9	Number of failing wastewater treatment works	Nr
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Definition: With reference to the required serviceability standard, the number of failing wastewater treatment works during the year.

Processing rules: Input field

Previous references: New Line

G9.10	Number of unsatisfactory intermittent discharges	Nr
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Definition: With reference to the required serviceability standard, the number of failing wastewater treatment works during the year.

Processing rules: Input field

Previous references: New Line

G9.11	Number of pollution incidents	Nr
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Definition: With reference to the required serviceability standard, the number of failing wastewater treatment works during the year.

Processing rules: Input field

Previous references: New Line