

Contents

General Guidance	3
Introduction	3
Commentary	4
Governance	5
Section 1 – Summary Information	6
Table 1 – Performance Dashboard	6
Table 2 – Itemised List of Projects	15
Appendix to Table 2: Itemised List of Drivers	45
Table 3 – SR21 Outputs	46
Table 4 – SR10 and SR15 Outputs (Completion Investment)	50
Table 5 – Outputs by Gate	53
Table 6 – Number of Needs or Projects by Milestone	59
Table 7 – Net Zero Emissions	64
Section 2 – Financials	70
Table 8 – Revenue, Borrowing and Cash	70
Table 9 – Tier 1 Operating and Financing Costs	82
Table 10 – Tier 2 Enhancement and Growth Investment	95

SR21 Information Request

Guidance and Definitions

Table 11 – Tier 2 Enhancement and Growth Investment By Ministerial Objective...	109
Table 12 – Repair, Refurbishment and Asset Replacement	121
Table 13 – Repair, Refurbishment and Asset Replacement By Management Approach	134
Table 14 – Inflation Assumptions	140

General Guidance

Introduction

This information request covers the information required to understand how Scottish Water will manage costs and revenues to deliver the required investment during the remainder of the 2021-27 regulatory control period.¹

This information request covers:

- Scottish Water's current best estimate, and minimum expectation, of the investment required to deliver the objectives for the water industry for 2021-27 in line with the Final Determination of Charges 2021-27;² and
- Scottish Water's current best estimate of the forecast expenditure, and funding required, to deliver these objectives.

It comprises two sections and fourteen tables. These are

Section 1: Outcomes

1. Summary information;
2. Itemised list of projects to meet the objectives for the water industry for 2021-27;
3. List of investment outputs for the objectives for the water industry for 2021-27;
4. List of investment outputs from previous investment programmes (2010-15 and 2015-21 regulatory control periods);
5. List of investment outputs by investment gate;

¹ WICS letter to Scottish Water, 'Charges Scheme for 2022-23', dated 3 February 2022, available at [Charges Scheme for 2022-23 | WICS](#).

² See Scottish Water: directions 2020 available at [Scottish Water: directions 2020 - gov.scot \(www.gov.scot\)](#) and WICS (2020), 'Final Determination Strategic Review of Charges 2021 – 27', December.

SR21 Information Request

Guidance and Definitions

6. Investment needs and projects by milestone; and
7. The information underpinning Scottish Water's ambitions for net zero emissions.

Section 2: Financial information

8. Revenue, borrowing and use of cash balances over the 2021-27 regulatory control period;
9. Tier 1 financing and operating expenditure;
10. Tier 2 enhancement and growth expenditure;
11. Tier 2 enhancement and growth expenditure by Ministerial objective ;
12. Tier 1 and Tier 2 asset repair, refurbishment and replacement;
13. Tier 1 and Tier 2 asset repair, refurbishment and replacement by management approach; and
14. Inflation expectations.

This information request is in addition to the information that Scottish Water reports in the annual return each year. This information request should provide the baseline against which the information reported in the annual return will be reviewed in each year for the 2021-27 regulatory control period.

Commentary

Scottish Water should provide a commentary to accompany the information reported in the tables. As a minimum, the commentary should provide an explanation of:

- how the information reconciles with published information elsewhere (e.g. the information reported to the Investment Planning and Prioritisation Group or the interim performance and prospects report);
- the assumptions that underpin the information provided in the request;
- how those assumptions compare to those used for the Final Determination (if applicable);
- the methodology applied to estimate the information (if applicable); and
- other material items that Scottish Water would like to raise (e.g. new information that has arisen since the publication of the Final Determination).

SR21 Information Request

Guidance and Definitions

Governance

In line with the governance of the annual return, Scottish Water should provide Director level sign off for each of the fourteen tables.

Section 1 – Summary Information

Table 1 – Performance Dashboard

Overview Of Table

This table covers Scottish Water’s baseline for:

- performance measures such as net zero emissions, the overall performance assessment (OPA) indices and customer experience measures (CEMs);
- investment planning and delivery;
- expenditure; and
- financial performance.

Line Definitions

Block 1: Performance Measures

1.1	Net Zero Emissions (NZE): total greenhouse gas emissions (before electricity export removals)	ktCO₂e
------------	--	--------------------------

Definition: Scottish Water’s forecast for the annual operational GHG emissions (before electricity export removals) as measured in Carbon Dioxide equivalents in each year.

Processing rules: Brought Forward (Table 7, Line 7.1)

1.2	Net Zero Emissions (NZE): net operational carbon footprint	ktCO₂e
------------	---	--------------------------

Definition: Scottish Water’s forecast for annual operational GHG emissions net of renewable electricity generated and exported as measured in Carbon Dioxide equivalents in each year.

Processing rules: Brought Forward (Table 7, Line 7.3)

1.3	Net Zero Emissions (NZE): total greenhouse gas emissions as a percentage of the 2006/07 baseline (net)	%
------------	---	----------

Definition: Scottish Water's net operational carbon footprint (expressed in Carbon Dioxide equivalents) expressed as a percentage of Scottish Water's equivalent emissions for 2006/07 (i.e. the 'baseline') in each year. We expect that this line will capture Scottish Water's commitment to reduce operational emissions by at least 60% compared to the baseline by 2025 as set out in Scottish Water's Net Zero Routemap.

Processing rules: Brought Forward (Table 7, Line 7.7)

1.4	Net Zero Emissions (NZE): carbon intensity ratio for investment	tCO_{2e}/£m
------------	--	----------------------------

Definition: Scottish Water's amount of greenhouse gases associated with the capital investment programme expressed per £1m of investment in each year. The calculation is the GHG emissions for the capital investment programme (expressed in Carbon Dioxide Equivalents) divided by capital expenditure in the year.

Processing rules: Brought Forward (Table 7, Line 7.8)

1.5	Net Zero Emissions (NZE): embodied carbon in overall asset base	tCO_{2e}
------------	--	-------------------------

Definition: Estimate of the greenhouse gas emissions (expressed in Carbon Dioxide Equivalents) embodied in the overall asset base in each year. Scottish Water should explain how it has estimated this value in the accompanying commentary document.

Processing rules: Brought Forward (Table 7, Line 7.9)

SR21 Information Request

Guidance and Definitions

1.6	Overall Performance Assessment (SR21 OPA)	Nr
------------	--	-----------

Definition: The forecast OPA score according to the OPA methodology for the 2021-27 regulatory control period (i.e. “New OPA”). Scottish Water should provide its minimum expectation for performance in each year.

Processing rules: Input field

1.7	Overall Performance Assessment (SR15 OPA)	Nr
------------	--	-----------

Definition: The forecast OPA score according to the OPA methodology for the 2015-21 regulatory control period. Scottish Water should provide its minimum expectation for performance in each year.

Processing rules: Input field

1.8	Household Customer Experience Measure (hCEM)	Nr
------------	---	-----------

Definition: The forecast Household Customer Experience Measure (hCEM) score. Scottish Water should provide its minimum expectation for performance in each year.

Processing rules: Input field

1.9	Non-Household Customer Experience Measure (nhCEM)	Nr
------------	--	-----------

Definition: The forecast Non-Household Customer Experience Measure (nhCEM) score. Scottish Water should provide its minimum expectation for performance in each year.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

1.10	Developer Customer Experience Measure (dCEM)	Nr
-------------	---	-----------

Definition: The forecast Developer Customer Experience Measure (dCEM) score. Scottish Water should provide its minimum expectation for performance in each year.

Processing rules: Input field

1.11	Leakage	MI/d
-------------	----------------	-------------

Definition: Unadjusted volume of water losses with the MLE reconciliation applied as reported in Table A2.21 of the Annual Return 2020/21 and as was used for the OPA methodology for the 2015-21 regulatory control period. Scottish Water should provide its minimum expectation for performance in each year.

Processing rules: Input field

Block 2: Investment Planning And Delivery

1.12	Number of projects remaining from previous regulatory control periods	Nr
-------------	--	-----------

Definition: The number of projects remaining to be delivered from previous regulatory control periods in each year.

Processing rules: Calculated Field: Table 4, Line 4.11 + Line 4.12

1.13	Number of needs post 'Gate 30' milestone – promotion of need and start of option development (forecast best estimate)	Nr
-------------	--	-----------

Definition: Scottish Water's forecast of the number of needs that have passed Gate 30 at the end of each financial year. This should be based on Scottish Water's current best estimate of needs required to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period.

Processing rules: Brought Forward (Table 6, Line 6.165)

1.14	Number of projects post 'Gate 70' milestone – promotion of a project (forecast best estimate)	Nr
-------------	--	-----------

Definition: Scottish Water's forecast of the number of projects that have passed Gate 70 at the end of each financial year. This should be based on Scottish Water's current best estimate of the projects required to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period.

Processing rules: Brought Forward (Table 6, Line 6.166)

SR21 Information Request

Guidance and Definitions

1.15	Number of projects post 'Gate 80' milestone – project approval (forecast best estimate)	Nr
-------------	--	-----------

Definition: Scottish Water's forecast of the number of projects that have passed Gate 80 at the end of each financial year. This should be based on Scottish Water's current best estimate of the projects required to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period.

Processing rules: Brought Forward (Table 6, Line 6.167)

1.16	Number of projects post 'Start on Site' milestone (Committed List and forecast best estimate)	Nr
-------------	--	-----------

Definition: Scottish Water's forecast of the number of projects that have passed the 'Start on Site' milestone at the end of each financial year. This should be based on the projects on the Committed List and the current best estimate of the projects required to meet or exceed the Ministerial objectives over the remainder of the 2021-27 regulatory control period.

Processing rules: Calculated Field: Table 6, Line 6.168 'Confirmed on Committed List' Column + 'Best Estimate' Column for each financial year

1.17	Number of projects post 'Gate 100' milestone – project acceptance (Committed List and forecast best estimate)	Nr
-------------	--	-----------

Definition: Scottish Water's forecast of the number of projects that have passed Gate 100 at the end of each financial year. This should be based on the projects on the Committed List and the current best estimate of the projects required to meet or exceed the Ministerial objectives over the remainder of the 2021-27 regulatory control period.

SR21 Information Request

Guidance and Definitions

Processing rules: Calculated Field: Table 6, Line 6.169 'Confirmed on Committed List' Column + 'Best Estimate' Column for each financial year

1.18	Number of projects post 'Gate 110' milestone – financial close (Committed List and forecast best estimate)	Nr
-------------	---	-----------

Definition: Scottish Water's forecast of the number of projects that have passed Gate 110. This should be based on the projects on the Committed List and the current best estimate of the projects required to meet or exceed the Ministerial objectives over the remainder of the 2021-27 regulatory control period.

Processing rules: Calculated Field: Table 6, Line 6.170 'Confirmed on Committed List' Column + 'Best Estimate' Column for each financial year

1.19	Indicator of Progress of Overall Delivery (IPOD)	Nr
-------------	---	-----------

Definition: The forecast Indicator of Progress of Overall Delivery (IPOD) score in each year.

Processing rules: Input field

Block 3: Expenditure (Projected Outturn Prices)

1.20	Investment costs (Tier 1 repair, Tier 2) net of grants and contributions	£m (3dp)
-------------	---	-----------------

Definition: The total expenditure for Tier 1 repair and refurbishment and Tier 2 investment net of grants and contributions in projected outturn prices in each year.

Processing rules: Calculated Field: Table 10, Line 10.23 + Table 12, Line 12.23

1.21	Tier 1 operating and financing costs	£m (3dp)
-------------	---	-----------------

Definition: The sum of the operating expenditure post-efficiency, PFI expenditure post-efficiency, reasonable cost contributions post-efficiency, the net interest and taxation in projected outturn prices in each year.

Processing rules: Brought Forward (Table 9, Line 9.30)

1.22	Operating expenditure (excluding PFI)	£m (3dp)
-------------	--	-----------------

Definition: The operating costs (excluding PFI expenditure) in projected outturn prices in each year.

Processing rules: Brought Forward (Table 9, Line 9.8)

1.23	PFI expenditure	£m (3dp)
-------------	------------------------	-----------------

Definition: The Private Finance Initiative (PFI) expenditure in projected outturn prices in each year.

Processing rules: Brought Forward (Table 9, Line 9.15)

Block 4: Financial Performance

1.24	Tier 1 contribution to Tier 2: revenue only	£m
-------------	--	-----------

Definition: Tier 1 contribution to Tier 2 investment: the revenue contribution (after deducting Tier 1 expenditure) to Tier 2 investment in projected outturn prices in each year.

Processing rules: Calculated Field: Table 8, Line 8.30 minus Table 1, Line 1.21 minus Table 12, Line 12.25 minus Table 12, Line 12.26

1.25	Tier 1 contribution to Tier 2: revenue and borrowing	£m
-------------	---	-----------

Definition: Tier 1 contribution to Tier 2 investment: the revenue and borrowing contribution (after deducting Tier 1 expenditure) to Tier 2 investment in projected outturn prices in each year.

Processing rules: Calculated Field: Table 8, Line 8.31 minus Table 1, Line 1.21 minus Table 12, Line 12.25 minus Table 12, Line 12.26

1.26	Cash interest cover	Nr
-------------	----------------------------	-----------

Definition: The forecast of operating cash flow divided by the net interest paid in each year.

Processing rules: Input field

1.27	Funds from operations to net debt	%
-------------	--	----------

Definition: The forecast of funds from operations divided by net debt in each year.

Processing rules: Input field

Table 2 – Itemised List of Projects

Overview of Table

This table covers Scottish Water's current best estimate of the investment projects required to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period. This table requires project level information for projects included on the Committed List and Scottish Water's current best estimate of the investment projects required for the remainder of the regulatory control period 2021-27 to meet or exceed the Ministerial objectives.

Guidance specific to this table

In relation to the current best estimate of the investment projects required for the remainder of this regulatory period, Scottish Water can decide to aggregate individual projects into programme lines (if appropriate) provided that it can still populate the required information for those lines (e.g. the outputs to be delivered from that programme).

All expenditure should be expressed in projected outturn prices in each year and should reconcile with the summary of total capital investment expenditure reported in Table 1, Line 1.20 (which is based on the information reported in Tables 10 and 12). This table should also reconcile with the outputs reported in Tables 3, 4 and 5 and the needs and projects reported in Table 6.

The gross and net capital investment expenditure should also reconcile with Table 10 (Tier 2 Enhancement and Growth) and Table 12 (Repair, Refurbishment and Asset Replacement).

Column Definitions

Block 1: Base Information

1	Project Autocode	Nr
---	-------------------------	-----------

SR21 Information Request

Guidance and Definitions

Definition: The project code assigned to the project within the Scottish Water investment programme database. All codes should be mutually exclusive and relate to discrete projects.

For SR21 investment projects, this should be the Committed List project autocode.

For completion or IR18 investment projects, this should be the same project autocode provided in previous Annual Return submissions. The reference to the Committed List project autocode, if different, should be reported in column 18a.

2	Project Title	Text
----------	----------------------	-------------

Definition: This is the project title used in the Scottish Water investment programme database. The project title should be mutually exclusive of other projects and indicate the scope of work being undertaken.

3	Water, Wastewater or Support Services project (primary purpose)	Text
----------	--	-------------

Definition: 'Water', 'Wastewater' or 'Support services' should be entered based on the primary purpose of the project.

4	Primary Investment Category (Enhancement, Growth, Replacement, Repair and Refurbishment Project Classification)	Text
----------	--	-------------

Definition: Either 'Enhancement', 'Growth', 'Asset Replacement', 'Asset Repair' or 'Refurbishment' should be entered based on the primary purpose of the project.

5	Project location - Local Authority	Text
----------	---	-------------

SR21 Information Request

Guidance and Definitions

Definition: 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.

6	Statutory / Non Statutory	Text
----------	----------------------------------	-------------

Definition: Report Statutory if the investment project is arising from a legislative requirement. Otherwise, report non-statutory.

7	Legislation / Directive	Text
----------	--------------------------------	-------------

Definition: If Statutory is reported in column 6, provide the relevant legislation. Otherwise report not applicable.

8	Latest legislative compliance date	Date
----------	---	-------------

Definition: If Statutory is reported in column 6, provide the deadline for achieving compliance with the legislation in column 7. Otherwise report not applicable.

9	Regulator responsible for sign off [Owner]	Text
----------	---	-------------

Definition: Report the regulator or agency responsible for signing off the project. This could be either the Scottish Environment Protection Agency (SEPA), Drinking Water Quality Regulator, Scottish Government and other body if applicable.

If the regulator or agency delegates sign off to Scottish Water, report the regulator or agency that has delegated sign off.

10	Asset name	Text
-----------	-------------------	-------------

SR21 Information Request

Guidance and Definitions

Definition: Enter the name of the asset that the investment project relates to (if applicable).

11	Water resource zone	Text
-----------	----------------------------	-------------

Definition: For drinking water investment projects, enter the name of the water resource zone that the investment project relates to.

12	Water body affected	Text
-----------	----------------------------	-------------

Definition: For environmental projects, enter the name of the water body that the investment project relates to.

Block 2: Reference To The Ministerial Objectives

13	Ministerial objective (primary purpose)	Text
-----------	--	-------------

Definition: Report the Ministerial objective with reference to the Scottish Water Directions 2020.³ While an investment project could, in theory, contribute towards more than one objective, report the main objective that the project contributes to. This should be one of:

- Standards of Service
- Asset Maintenance
- Supporting Sustainable Economic Growth
- Circular Economy
- Drinking Water
- Environment
- Flooding and Surface Water Management
- Security and Resilience

³ Scottish Water: directions 2020 available at [Scottish Water: directions 2020 - gov.scot \(www.gov.scot\)](http://www.gov.scot/Scottish-Water-directions-2020)

SR21 Information Request

Guidance and Definitions

- Climate Change, Adaptation and Mitigation
- Private Finance Initiative Funded Projects

14	Output Description	Text
-----------	---------------------------	-------------

Definition: Report the Output description. This should be the same as one of the outputs listed in Table 3 of this information request. In relation to SR15, an example of an output is the number of wastewater treatment works improved to meet the Urban Wastewater Treatment Directive (UWWTD). We expect an output description of this form.

15	Number of outputs (or output value)	Nr
-----------	--	-----------

Definition: Report the number of outputs (or output value) based on the output description in column 14. In relation to the example provided in the definition to column 14, the value reported would be the number of wastewater treatment works.

16	Output units	Text
-----------	---------------------	-------------

Definition: Report the units used for the value of the output reported in column 15. In relation to the example provided in the definition to column 14, the units would be 'no.'.

17	Output code	Text
-----------	--------------------	-------------

Definition: Report the Output code assigned to the output reported in column 14.

SR21 Information Request

Guidance and Definitions

Block 3: Reference To 'Committed' Or 'Development' List

18a	Committed List / Pre Committed List	Text
------------	--	-------------

Definition: Report whether the project is on the Committed List or Pre Committed List. Report Committed List if the project is currently included on the Committed List.

Assign Pre Committed List to all projects that Scottish Water considers are required to meet or exceed the Ministerial objectives over the 2021-27 regulatory control period – even if the need has not yet been added to the development list. This should be based on Scottish Water’s current best estimate.

18b	Committed List project reference	Text
------------	---	-------------

Definition: Report the unique Project ID used for the Committed List. This will be used for cross-referencing projects to the Committed List.

For SR21 investment projects, this will be the same Project ID used in column 1.

For completion or IR18 investment projects, this may be different from that used in column 1.

19	Portfolio	Text
-----------	------------------	-------------

Definition: For all projects, report the portfolio group to which the project belongs. The portfolio groups should align with those used for the Committed List.

20	Sub Portfolio	Text
-----------	----------------------	-------------

SR21 Information Request

Guidance and Definitions

Definition: For all projects, report the sub portfolio group to which the project belongs. The sub portfolio groups should align with those used for the Committed List.

21	Programme	Text
-----------	------------------	-------------

Definition: For all projects, report the programme to which the project belongs. The programme groups should align with those used for the Committed List.

22	Sub Programme	Text
-----------	----------------------	-------------

Definition: For all projects, report the sub programme to which the project belongs. The sub programme groups should align with those used for the Committed List.

23	Management Approach Ref	Text
-----------	--------------------------------	-------------

Definition: For all projects, report the Management Approach to which the project belongs. The Management approach reference should align with those used for the Committed List.

24	Management Approach Description	Text
-----------	--	-------------

Definition: For all projects, report the description of the Management Approach to which the project belongs. This should align with the descriptions used for the Committed List.

25	Primary Need Ref	Text
-----------	-------------------------	-------------

Definition: For all projects, report the primary need reference to which the project belongs. This should align with the primary needs reference used for the Committed List.

SR21 Information Request

Guidance and Definitions

26	Primary Need Description	Text
-----------	---------------------------------	-------------

Definition: For all projects, report the description of the primary need to which the project belongs. This should align with the primary need description used for the Committed List.

27	Project Appraisal Document Reference	Text
-----------	---	-------------

Definition: For Committed List projects, report the reference to the main project appraisal document for the project.

28	Level of Project Appraisal	Text
-----------	-----------------------------------	-------------

Definition: For Committed List projects, report the level of the project appraisal undertaken.

29	IPOD Value	Nr
-----------	-------------------	-----------

Definition: For Committed List projects, report the IPOD points assigned to the project.

30	Gate 30 Date	Date
-----------	---------------------	-------------

Definition: Report the date when the need or project is expected to pass Gate 30: Initiation (of need to develop options for an intervention).

SR21 Information Request

Guidance and Definitions

Report as not applicable for projects already included on the Committed List. Report for all other needs or projects based on Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

31	Gate 40 Date	Date
-----------	---------------------	-------------

Definition: Report the date when the need or project is expected to pass Gate 40: Options Appraisal (Strategic).

Report as not applicable for projects already included on the Committed List. Report for all other needs or projects based on Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

32	Gate 50 Date	Date
-----------	---------------------	-------------

Definition: Report the date when the need or project is expected to pass Gate 50: Option(s) Confirmed.

Report as not applicable for projects already included on the Committed List. Report for all other needs or projects based on Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

33	Gate 70 Date	Date
-----------	---------------------	-------------

Definition: Report the date when the project is expected to pass Gate 70: Promotion of Project.

Report as not applicable for projects already included on the Committed List. Report for all other projects based on Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

34	Gate 80 Date	Date
-----------	---------------------	-------------

Definition: Report the date when the project is expected to pass Gate 80: Commitment – Project Approval.

SR21 Information Request

Guidance and Definitions

Report for all projects based on the Committed List or Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

35	Gate 90 Date	Date
-----------	---------------------	-------------

Definition: Report the date when the need or project has passed or is expected to pass Gate 90: Commitment – Delivery Approval.

Report for all projects based on the Committed List or Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

36	Start On Site Date	Date
-----------	---------------------------	-------------

Definition: Report the date when the need or project has passed or is expected to pass the Start on Site milestone.

Report for all projects based on the Committed List or Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

37	Gate 100 Date	Date
-----------	----------------------	-------------

Definition: Report the date when the need or project has passed or is expected to pass Gate 100: Project Acceptance.

Report for all projects based on the Committed List or Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

38	Gate 110 Date	Date
-----------	----------------------	-------------

SR21 Information Request

Guidance and Definitions

Definition: Report the date when the need or project has passed or is expected to pass Gate 110: Financial Closeout.

Report for all projects based on the Committed List or Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

39	Legislative or regulatory due date	Date
-----------	---	-------------

Definition: Report the date by when the project has achieved or is expected to achieve the standard required to comply with the appropriate legislation or statutory requirements (as per column 7).

Report for all projects based on the Committed List or Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

40	Date project removed from Committed List	Date
-----------	---	-------------

Definition: The date the project was or is expected to be removed from the Committed List.

SR21 Information Request

Guidance and Definitions

Block 4: Reference To Previous Regulatory Periods (Completion Investment only)

41	Completion Investment	Text
-----------	------------------------------	-------------

Definition: Report whether the project is either 'completion' or 'SR21 investment'.

Report for all projects based on Scottish Water's current best estimate (including those Pre Committed List as per column 18a).

42	Investment Period (SR15 etc.)	Text
-----------	--------------------------------------	-------------

Definition: Report the investment period to which the project belongs. This should be either:

- 'SR10 completion'; and
- 'SR15 completion including IR18 projects funded from closing cash balances from the 2015-21 regulatory control period';

For the avoidance of doubt, IR18 projects funded from SR21 allowances should not be included in these categories.

Report for completion projects only.

43	Technical Expression autocodes	Text
-----------	---------------------------------------	-------------

Definition: If applicable, report the Technical Expression autocode of the project as identified from the Technical Expressions from previous regulatory control periods.

Report for completion projects only.

44	OMD Points	Nr
-----------	-------------------	-----------

Definition: If applicable, report the OMD points from the 2015-21 regulatory control period that is forecast to be gained over 2021-27 regulatory control period.

SR21 Information Request

Guidance and Definitions

45	Forecast MS1 Date	Date
-----------	--------------------------	-------------

Definition: The date MS 1 is forecast to be achieved or, when the milestone has been passed, was achieved for the project.

MS 1 is defined as 'Preferred Option Identified'.

For outputs delivered through operational means, an equivalent project milestone date should be used.

Completion projects which did not appear on the OMG/DAG reporting, for example capital maintenance projects, should have 'not applicable' reported in this column.

Report for completion projects only.

46	Forecast MS2 Date	Date
-----------	--------------------------	-------------

Definition: The date MS 2 is forecast to be achieved or, when the milestone has been passed, was achieved for the project.

MS 2 is defined as 'Financial Budget Approved'.

For outputs delivered through operational means, an equivalent project milestone date should be used.

Completion projects which did not appear on the OMG/DAG reporting, for example capital maintenance projects, should have 'not applicable' reported in this column.

Report for completion projects only.

47	Forecast MS3 Date	Date
-----------	--------------------------	-------------

SR21 Information Request

Guidance and Definitions

Definition: The date MS 3 is forecast to be achieved or, when the milestone has been passed, was achieved for the project.

MS 3 is defined as 'Work started on site'

For outputs delivered through operational means, an equivalent project milestone date should be used.

Completion projects which did not appear on the OMG/DAG reporting, for example capital maintenance projects, should have 'not applicable' reported in this column.

Report for completion projects only.

48	Forecast MS4 Date	Date
-----------	--------------------------	-------------

Definition: The date MS 4 is forecast to be achieved or, when the milestone has been passed, was achieved for the project.

MS 4 is defined as 'project acceptance'.

For outputs delivered through operational means, an equivalent project milestone date should be used.

Completion projects which did not appear on the OMG/DAG reporting, for example capital maintenance projects, should have 'not applicable' reported in this column.

Report for completion projects only.

49	Forecast MS5 Date	Date
-----------	--------------------------	-------------

Definition: The date MS 5 is forecast to be achieved or, when the milestone has been passed, was achieved for the project.

SR21 Information Request

Guidance and Definitions

MS 5 is defined as 'Project output signed-off'. This milestone is achieved when, where relevant, the project has been signed off by the relevant regulator.

For outputs delivered through operational means, an equivalent project milestone date should be used.

Completion projects which did not appear on the OMG/DAG reporting, for example capital maintenance projects, should have 'not applicable' reported in this column.

Report for completion projects only.

Block 5: Project Expenditure And Expenditure Breakdown

50	Projected Expenditure 2021-22 £m (Best available estimate)	£m (3dp)
----	--	----------

Definition: Forecast project expenditure for 2021-22. This should be the forecast expenditure for:

- projects already on the Committed List; and
- the current best available estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the current best available estimate.

SR21 Information Request

Guidance and Definitions

The total capital expenditure across projects should reconcile with the capital expenditure reported in Table 1, Line 1.20 and the expenditure reported Tables 10 and 12.

51	Projected Expenditure 2022-23 £m (Best available estimate)	£m (3dp)
-----------	---	-----------------

Definition: Forecast project expenditure for 2022-23. This should be the forecast expenditure for:

- projects already on the Committed List; and
- the current best available estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the current best available estimate.

The total capital expenditure across projects should reconcile with the capital expenditure reported in Table 1, Line 1.20 and the expenditure reported Tables 10 and 12.

52	Projected Expenditure 2023-24 £m (Best available estimate)	£m (3dp)
-----------	---	-----------------

Definition: Forecast project expenditure for 2023-24. This should be the forecast expenditure for:

- projects already on the Committed List; and
- the current best available estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

SR21 Information Request

Guidance and Definitions

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the current best available estimate.

The total capital expenditure across projects should reconcile with the capital expenditure reported in Table 1, Line 1.20 and the expenditure reported Tables 10 and 12.

53	Projected Expenditure 2024-25 £m (Best available estimate)	£m (3dp)
-----------	---	-----------------

Definition: Forecast project expenditure for 2024-25. This should be the forecast expenditure for:

- projects already on the Committed List; and
- the current best available estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the current best available estimate.

The total capital expenditure across projects should reconcile with the capital expenditure reported in Table 1, Line 1.20 and the expenditure reported Tables 10 and 12.

54	Projected Expenditure 2025-26 £m (Best available estimate)	£m (3dp)
-----------	---	-----------------

SR21 Information Request

Guidance and Definitions

Definition: Forecast project expenditure for 2025-26. This should be the forecast expenditure for:

- projects already on the Committed List; and
- the current best available estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the current best available estimate.

The total capital expenditure across projects should reconcile with the capital expenditure reported in Table 1, Line 1.20 and the expenditure reported Tables 10 and 12.

55	Projected Expenditure 2026-27 £m (Best available estimate)	£m (3dp)
-----------	---	-----------------

Definition: Forecast project expenditure for 2026-27. This should be the forecast expenditure for:

- projects already on the Committed List; and
- the current best available estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the current best available estimate.

SR21 Information Request

Guidance and Definitions

The total capital expenditure across projects should reconcile with the capital expenditure reported in Table 1, Line 1.20 and the expenditure reported Tables 10 and 12.

56	Total Project Value £m (Best available estimate)	£m (3dp)
-----------	---	-----------------

Definition: This should be the sum of columns 50 to 55.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the current best available estimate.

The total capital expenditure across projects should reconcile with the capital expenditure reported in Table 1, Line 1.20 and the expenditure reported Tables 10 and 12.

57	Projected Expenditure 2021-22 £m (Minimum estimate)	£m (3dp)
-----------	--	-----------------

Definition: Forecast project expenditure for 2021-22. This should be the forecast expenditure for:

- projects already on the Committed List; and
- Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 3, 5, 6, 11 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For

SR21 Information Request

Guidance and Definitions

pre Committed List projects, this should be based on the 'Minimum' estimate.

58	Projected Expenditure 2022-23 £m (Minimum estimate)	£m (3dp)
-----------	--	-----------------

Definition: Forecast project expenditure for 2022-23. This should be the forecast expenditure for:

- projects already on the Committed List; and
- Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 3, 5, 6, 11 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the 'Minimum' estimate.

59	Projected Expenditure 2023-24 £m (Minimum estimate)	£m (3dp)
-----------	--	-----------------

Definition: Forecast project expenditure for 2023-24. This should be the forecast expenditure for:

- projects already on the Committed List; and
- Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 3, 5, 6, 11 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported 'post efficiency' in projected outturn prices.

SR21 Information Request

Guidance and Definitions

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the 'Minimum' estimate.

60	Projected Expenditure 2024-25 £m (Minimum estimate)	£m (3dp)
-----------	--	-----------------

Definition: Forecast project expenditure for 2024-25. This should be the forecast expenditure for:

- projects already on the Committed List; and
- Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 3, 5, 6, 11 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the 'Minimum' estimate.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the 'Minimum' estimate.

61	Projected Expenditure 2025-26 £m (Minimum estimate)	£m (3dp)
-----------	--	-----------------

Definition: Forecast project expenditure for 2025-26. This should be the forecast expenditure for:

SR21 Information Request

Guidance and Definitions

- projects already on the Committed List; and
- Scottish Water’s minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the ‘Minimum’ should be consistent with the ‘Minimum’ columns reported in Tables 3, 5, 6, 11 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported ‘post efficiency’ in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the ‘Minimum’ estimate.

62	Projected Expenditure 2026-27 £m (Minimum estimate)	£m (3dp)
-----------	--	-----------------

Definition: Forecast project expenditure for 2026-27. This should be the forecast expenditure for:

- projects already on the Committed List; and
- Scottish Water’s minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the ‘Minimum’ should be consistent with the ‘Minimum’ columns reported in Tables 3, 5, 6, 11 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported ‘post efficiency’ in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the ‘Minimum’ estimate.

63	Total Project Value £m (Minimum estimate)	£m (3dp)
-----------	--	-----------------

SR21 Information Request

Guidance and Definitions

Definition: This should be the sum of columns 57 to 62.

This should be reported 'post efficiency' in projected outturn prices.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a). For pre Committed List projects, this should be based on the 'Minimum' estimate.

64	% Expenditure - Enhancement	%
-----------	------------------------------------	----------

Definition: The percentage of the project expenditure allocated to incremental improvements in levels of service provided or levels of compliance. For the avoidance of doubt, this investment is driven by legislative, statutory or other requirements.

If an investment project involves the replacement of an asset with another that provides a higher level of service in response to a legislative, statutory or other requirement, the allocation to enhancement should only be the incremental expenditure over and above a like-for-like asset replacement. The remaining expenditure should be allocated to asset replacement.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a).

65	% Expenditure - Growth	%
-----------	-------------------------------	----------

Definition: The percentage of the project expenditure allocated for meeting growth in demand.

Part 3 and Part 4 growth investment should only be reported in this table. Part 3 growth investment should be included given that infrastructure charge income is included in Table 8. Reasonable cost contributions should not be reported in this table.

SR21 Information Request

Guidance and Definitions

If an investment project involves the replacement of an asset with another that provides additional demand, the allocation to growth should only be the incremental expenditure over and above a like-for-like asset replacement. The remaining expenditure should be allocated to asset replacement.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a).

66	% Expenditure - Asset Replacement	%
-----------	--	----------

Definition: The percentage of the project expenditure allocated to replacing existing assets. This covers replacement of equipment, or whole process/site or section of infrastructure. Replacement occurs when an asset is at the end of serviceable life, or the asset has failed and cannot be repaired/refurbished or is not economic to do so.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a).

67	% Expenditure - Asset Repair and Refurbishment	%
-----------	---	----------

Definition: The percentage of the project expenditure allocated to asset repair and refurbishment.

Repair is defined as fixing an asset to ensure it can continue to operate.

Refurbishment is defined as renovation/overhaul of older or damaged equipment or replacement of parts within a piece of equipment to bring the asset back to a workable condition to extend the expected life of the asset.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a).

68	% Expenditure - Completion Investment	%
-----------	--	----------

SR21 Information Request

Guidance and Definitions

Definition: The percentage of the project expenditure allocated to SR10 and SR15 completion investment. Completion investment should include IR18 projects funded from SR15 closing cash balances.

69	% Expenditure - Construction costs	%
-----------	---	----------

Definition: The percentage of the project expenditure cost that relates to the construction costs. This should be based on the total project value (best available estimate) reported in column 56.

70	% Expenditure - Risk allowance	%
-----------	---------------------------------------	----------

Definition: The percentage of the project expenditure cost that relates to an allowance for risk. This should be based on the total project value (best available estimate) reported in column 56.

71	% Expenditure - Project overheads	%
-----------	--	----------

Definition: The percentage of the project expenditure allocated for project overheads or on-costs. This should be based on the total project value (best available estimate) reported in column 56.

72	% Expenditure – Tier 2 expenditure	%
-----------	---	----------

Definition: The percentage of the project expenditure allocated for Tier 2 expenditure – growth, enhancement, asset replacement investment and planned repair and refurbishment investment included in Tier 2.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a).

73	Water %	%
-----------	----------------	----------

Definition: The percentage of the project which falls under the water function. Support services should be allocated to water and wastewater.

SR21 Information Request

Guidance and Definitions

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a).

74	Wastewater %	%
-----------	---------------------	----------

Definition: The percentage of the project which falls under the wastewater function. Support services should be allocated to water and wastewater.

For the avoidance of doubt, this should be reported for projects on the Committed List and pre Committed List projects (as per column 18a).

Block 6: Grants And Contributions

75	Grants	£m (3dp)
-----------	---------------	-----------------

Definition: The total grants and infrastructure charge elements received from third parties during the 2021-27 regulatory control period towards water and wastewater service assets. This grant applied to the gross investment in the year to derive net expenditure. Input Grants as a negative number.

76	Contributions	£m (3dp)
-----------	----------------------	-----------------

Definition: The total contributions and Infrastructure charge elements received from third parties during the 2021-27 regulatory control period towards water and wastewater service assets. This grant is applied to the gross investment in the year to derive net expenditure. Input Contributions as a negative number.

77	Project expenditure funded from Grants & Contributions (£m)	£m (3dp)
-----------	--	-----------------

Definition: This is the sum of columns 75 and 76.

78	Net project expenditure funded through customer revenue or financed through Borrowing (£m)	£m (3dp)
-----------	---	-----------------

Definition: This is column 56 "Total Project Value £m (Best available estimate)" plus column 77.

Block 7: Carbon Impacts

79	Embodied total carbon impact tCO2e	tCO2e
-----------	---	--------------

Definition: Estimate of the GHG (expressed in Carbon Dioxide Equivalents) embodied in the capital investment project.

80	Embodied total carbon impact £m (Carbon intensity ratio)	£m (3dp)
-----------	---	-----------------

SR21 Information Request

Guidance and Definitions

Definition: Estimate of the GHG (expressed in Carbon Dioxide Equivalents) embodied in the capital investment project per £1m of capital expenditure in the year.

81	Annual scope 1 operational carbon impact CO2	tCO2e
-----------	---	--------------

Definition: Estimate of the annual scope 1 (direct emissions) operational Carbon Dioxide emissions (expressed in Carbon Dioxide Equivalents).

82	Annual scope 1 operational carbon impact CH4 (tCO2e)	tCO2e
-----------	---	--------------

Definition: Estimate of the annual scope 1 (direct emissions) operational Methane emissions (expressed in Carbon Dioxide Equivalents).

83	Annual scope 1 operational carbon impact N2O (tCO2e)	tCO2e
-----------	---	--------------

Definition: Estimate of the annual scope 1 (direct emissions) operational Nitrous emissions (expressed in Carbon Dioxide Equivalents).

84	Annual scope 2 operational carbon impact tCO2e location based	tCO2e
-----------	--	--------------

Definition: Estimate of the annual operational GHG emissions due to scope 2 (Grid electricity used by company (including Combined Heat and Power (CHP) electricity purchased). Scottish Water should use location-based method (expressed in Carbon Dioxide Equivalents).

85	Annual scope 3 operational carbon impact tCO2e	tCO2e
-----------	---	--------------

Definition: Estimate of the annual scope 3 operational GHG emissions (expressed in Carbon Dioxide Equivalents).

SR21 Information Request

Guidance and Definitions

86	Annual total scope 1 operational carbon impact tCO2e	tCO2e
-----------	---	--------------

Definition: Estimate of the annual scope 1 (direct emissions) GHG emissions (expressed in Carbon Dioxide Equivalents).

This is the sum of columns 81 to 83.

Block 8: Drivers

87	Driver 1	Text
-----------	-----------------	-------------

For the primary driver, enter the driver code from those listed in the Appendix to Table 2: Itemised List Drivers.

In the absence of drivers, Scottish Water could use 'need' codes provided that these serve the same purpose as the drivers used in previous investment periods.

88	Driver 1 Percentage allocation	%
-----------	---------------------------------------	----------

Enter the percentage of project total value that is attributable to the primary driver in column 91.

89	Driver 2	Text
-----------	-----------------	-------------

For the secondary driver (if necessary), enter the driver code from those listed in the Appendix to Table 2: Itemised List Drivers.

In the absence of drivers, Scottish Water could use 'need' codes provided that these serve the same purpose as the drivers used in previous investment periods.

90	Driver 2 Percentage allocation	%
-----------	---------------------------------------	----------

Enter the percentage of project total value that is attributable to driver 2 in column 93.

91	Driver 3	Text
-----------	-----------------	-------------

SR21 Information Request

Guidance and Definitions

For the third driver (if necessary), enter the driver code from those listed in the Appendix to Table 2: Itemised List Drivers.

In the absence of drivers, Scottish Water could use 'need' codes provided that these serve the same purpose as the drivers used in previous investment periods.

92	Driver 3 Percentage allocation	%
-----------	---------------------------------------	----------

Enter the percentage of project total value that is attributable to driver 3 in column 95.

93	Driver 4	Text
-----------	-----------------	-------------

For the fourth driver (if necessary), enter the driver code from those listed in the Appendix to Table 2: Itemised List Drivers.

In the absence of drivers, Scottish Water could use 'need' codes provided that these serve the same purpose as the drivers used in previous investment periods.

94	Driver 4 Percentage allocation	%
-----------	---------------------------------------	----------

Enter the percentage of project total value that is attributable to driver 4 in column 97.

95	Driver 5	Text
-----------	-----------------	-------------

For the fifth driver (if necessary), enter the driver code from those listed in the Appendix to Table 2: Itemised List Drivers.

In the absence of drivers, Scottish Water could use 'need' codes provided that these serve the same purpose as the drivers used in previous investment periods.

96	Driver 5 Percentage allocation	%
-----------	---------------------------------------	----------

Enter the percentage of project total value that is attributable to driver 4 in column 99.

SR21 Information Request

Guidance and Definitions

Appendix to Table 2: Itemised List of Drivers

Guidance specific to this table

This Appendix requires Scottish Water to provide the drivers for the SR21 investment. Drivers capture the purpose for the investment.

In the absence of drivers, Scottish Water could use 'need' codes provided that these serve the same purpose as the drivers used in previous investment periods.

Scottish Water should insert more lines for drivers as needed.

SR21 Information Request

Guidance and Definitions

Table 3 – SR21 Outputs

Overview of Table

This table covers Scottish Water's current best estimate of the outputs that will be necessary to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period.

Guidance specific to this table

This table requires Scottish Water to report the outputs it will deliver to meet each of the Ministerial Objectives. It asks for outputs/forecast outputs based on:

- projects already included on the Committed List;
- Scottish Water's current best estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period; and
- Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 2, 5, 6, 11 and 13. Note that this could be the same as the current best estimate in some cases.

The corresponding expenditure associated with each of these elements should be reported in Table 11 (Tier 2 Enhancement and Growth investment by Ministerial objectives) and Table 13 (Repair, Refurbishment and Asset Replacement – Disaggregation by management approach).

SR21 Information Request

Guidance and Definitions

Each block of the table relates to each objective covered by the Scottish Water Directions 2020.⁴ These are:

- Asset Maintenance
- Supporting Sustainable Economic Growth
- Circular Economy
- Drinking Water
- Environment
- Flooding and Surface Water Management
- Security and Resilience
- Climate Change, Adaptation and Mitigation
- Private Finance Initiative Funded Projects

Scottish Water should report each output against the relevant objective. While an output could, in theory, contribute towards more than one objective, Scottish Water should report outputs against the main objective that the project contributes to.

Scottish Water should insert more lines for outputs in each block as necessary.

For each output, Scottish Water should indicate the output units, the internal output code and the management approach reference(s).

Column Definitions

1	Output Description	Text
---	--------------------	------

Definition: Report the Output description. In relation to SR15, an example of an output is the number of wastewater treatment works improved to meet the Urban Wastewater Treatment Directive (UWWTD). We expect an output description of this form.

⁴ Scottish Water: directions 2020 available at [Scottish Water: directions 2020 - gov.scot \(www.gov.scot\)](http://www.gov.scot/scottish-water/directions-2020)

SR21 Information Request

Guidance and Definitions

Processing rules: Input field.

2	Output units	Text
----------	---------------------	-------------

Definition: Report the units used for the value of the output. In relation to the example in the definition to column 1, the units would be 'no.'.

Processing rules: Input field.

3	Output code	Text
----------	--------------------	-------------

Definition: Report the Output code assigned to the output reported in column 1.

Processing rules: Input field.

4	Management Approach Reference(s)	Text
----------	---	-------------

Definition: If relevant, report the Management Approach that covers the output.

Processing rules: Input field.

5, 8, 11, 14, 17, 20	Committed List	
-----------------------------	-----------------------	--

Definition: Report the number of outputs delivered/forecast to be delivered (as appropriate given the unit of measurement in column 2) for projects included in the Committed List for the relevant year. The number of outputs should not be reported cumulatively.

Processing rules: Input field.

6, 9, 12, 15, 18, 21	Best estimate	
-----------------------------	----------------------	--

Definition: Report the number of outputs forecast based on Scottish Water's current best estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial

SR21 Information Request

Guidance and Definitions

objectives for the 2021-27 regulatory control period. This should be reported for the relevant year. This should not include outputs for projects already included in the Committed List. The number of outputs should not be reported cumulatively.

Processing rules: Input field.

7, 10, 13, 16, 19, 22	Minimum	
------------------------------	----------------	--

Definition: Report the number of outputs forecast based on Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 2, 5, 11 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported for the relevant year. This should not include outputs for projects already included in the Committed List. The number of outputs should not be reported cumulatively.

Processing rules: Input field.

23	Committed List + Best Estimate	
-----------	---------------------------------------	--

Definition: The forecast total for the 2021-27 regulatory control period. This includes outputs for:

- projects already included on the Committed List; and
- Scottish Water's current best estimate of the projects required for the remainder of the regulatory control period to meet or exceed the Ministerial objectives.

Processing rules: Calculated Field: Sum of columns 5, 6, 8, 9, 11, 12, 14,15, 17, 18, 20 and 21

SR21 Information Request

Guidance and Definitions

24	Committed List + Minimum	
-----------	---------------------------------	--

Definition: The forecast total for the 2021-27 regulatory control period. This includes outputs for:

- projects already included on the Committed List; and
- Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives.

Processing rules: Calculated Field: Sum of columns 5, 7, 8, 10, 11, 13, 14, 16, 17, 19, 20 and 22

Table 4 – SR10 and SR15 Outputs (Completion Investment)

Overview of Table

This table covers the outputs associated with completion investment projects from the 2010-15 (SR10) and 2015-21 (SR15) investment programmes.

Guidance specific to this table

The Completion investment from SR15 should include Investment Review 2018 (IR18) investment funded from closing cash balances from the 2015-21 regulatory control period.

Scottish Water should insert more lines for outputs in each block as necessary.

The corresponding expenditure associated with completion investment be reported in Table 10 (Tier 2 Enhancement and Growth) and Table 12 (Repair, Refurbishment and Asset Replacement).

SR21 Information Request

Guidance and Definitions

Column Definitions

1	Output Description	Text
----------	---------------------------	-------------

Definition: Report the Output description. In relation to SR15, an example of an output is the number of wastewater treatment works improved to meet the Urban Wastewater Treatment Directive (UWWTD). We expect output description of this form.

Processing rules: Input field.

2	Output units	Text
----------	---------------------	-------------

Definition: Report the units used for the value of the output. In relation to the example in the definition to column 1, the units would be 'no.'.

Processing rules: Input field.

3	Output code	Text
----------	--------------------	-------------

Definition: Report the Output code assigned to the output reported in column 1.

Processing rules: Input field.

4	Management Approach Reference(s)	Text
----------	---	-------------

Definition: If relevant, report the Management Approach that covers the output

Processing rules: Input field.

5 to 10	Forecast year 2021-22 to Forecast year 2026-27	
----------------	---	--

Definition: Report the number of outputs delivered/forecast to be delivered (as appropriate given the unit of measurement in column 2) for

SR21 Information Request

Guidance and Definitions

completion investment projects for the relevant year. The number of outputs should not be reported cumulatively.

Processing rules: Input field.

11	Forecast Total over SR21-27	
-----------	------------------------------------	--

Definition: The total number of outputs delivered/forecast to be delivered over the 2021-27 regulatory control period.

Processing rules: Calculated Field: sum of columns 5 to 10.

Line Definitions

Block 3: SR10 And SR15 Completion Projects

4.11	SR10 projects remaining (Q&S3b)	Nr
-------------	--	-----------

Definition: The total number of projects from the 2010-15 regulatory control period (SR10) investment programme remaining to be completed at the end of each year.

Processing rules: Input field

4.12	SR15 projects remaining (Q&SIV)	
-------------	--	--

Definition: The total number of projects from the 2015-21 regulatory control period (SR15) investment programme remaining to be completed at the end of each year.

Processing rules: Input field

Table 5 – Outputs by Gate

Overview of Table

This table covers the number of outputs by Gate or delivery milestone based on the following Gates:

- Start on Site
- Gate 100 – Project Acceptance
- Gate 110 – Financial Closure

Guidance specific to this table

This table requires Scottish Water to report the outputs by Gate or Milestone for each year for projects that it will deliver to meet each of the Ministerial Objectives. It asks for outputs/forecast outputs based on:

- projects already included on the Committed List;
- Scottish Water's current best estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period; and
- Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 2, 3, 11 and 13. Note that this could be the same as the current best estimate in some cases.

The corresponding expenditure associated with each of these elements should be reported in Table 11 (Tier 2 Enhancement and Growth investment by Ministerial objectives) and Table 13 (Repair, Refurbishment and Asset Replacement – Disaggregation by management approach).

SR21 Information Request

Guidance and Definitions

Each block of the table relates to each objective covered by the Scottish Water Directions 2020.⁵ These are:

- Standards of Service
- Asset Maintenance
- Supporting Sustainable Economic Growth
- Circular Economy
- Drinking Water
- Environment
- Flooding and Surface Water Management
- Security and Resilience
- Climate Change, Adaptation and Mitigation
- Private Finance Initiative Funded Projects

Scottish Water should report each output against the relevant objective. While an output could, in theory, contribute towards more than one objective, Scottish Water should report outputs against the main objective that the project contributes to.

Scottish Water should insert more lines for outputs in each block as necessary.

For each output, Scottish Water should indicate the output units, the internal output code and the management approach reference(s).

The table also includes separate blocks for completion investment for the 2010-15 regulatory control period (SR10 Completion) and the 2015-21 regulatory control period (SR15 Completion).

In this table, the number of outputs by Gate/Milestone for each year should be reported cumulatively.

⁵ Scottish Water: directions 2020 available at [Scottish Water: directions 2020 - gov.scot \(www.gov.scot\)](http://www.gov.scot/scottish-water-directions-2020)

SR21 Information Request

Guidance and Definitions

Column Definitions

1	Output Description	Text
----------	---------------------------	-------------

Definition: Report the Output description. In relation to SR15, an example of an output is the number of wastewater treatment works improved to meet the Urban Wastewater Treatment Directive (UWWTD). We expect an output description of this form.

Processing rules: Input field.

2	Output units	Text
----------	---------------------	-------------

Definition: Report the units used for the value of the output. In relation to the example in the definition in column 1, the units would be 'no.'.

Processing rules: Input field.

3	Output code	Text
----------	--------------------	-------------

Definition: Report the Output code assigned to the output reported in column 1.

Processing rules: Input field.

4	Management Approach Reference(s)	Text
----------	---	-------------

Definition: If relevant, report the Management Approach that covers the output.

Processing rules: Input field.

5	Type	
----------	-------------	--

Definition: Baseline refers to the initial forecasted profile of outputs by Gate or Milestone for the 2021-27 regulatory control period

SR21 Information Request

Guidance and Definitions

Forecast Actual refers to the actual outturn outputs delivered to date and the latest forecast by Gate or Milestone.

Processing rules: Reference

6	Gate	
----------	-------------	--

Definition: For investment for the 2021-27 regulatory control period, the gates are:

- Start on Site
- Gate 100 – Project Acceptance
- Gate 110 – Financial Closure

For completion investment for previous investment programmes, the gates are MS1 to MS5.

Processing rules: Reference

7, 10, 13, 16, 19 and 22	Confirmed on Committed List for relevant year	
---	--	--

Definition: Report the number of outputs by Gate/Milestone for each year (as appropriate given the unit of measurement in column 2) for projects already included in the Committed List for the relevant year. The number of outputs by Gate/Milestone for each year should be reported cumulatively.

Processing rules: Input field

8, 11, 14, 17, 20 and 23	Best estimate	
---	----------------------	--

SR21 Information Request

Guidance and Definitions

Definition: Report the number of outputs forecast by Gate/Milestone for each year based on Scottish Water's current best estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27. This should be reported for the relevant year. This should not include outputs for projects already included in the Committed List. The number of outputs by Gate/Milestone for each year should be reported cumulatively.

9, 12, 15, 18, 21 and 24,	Minimum	
---------------------------	----------------	--

Definition: Report the number of outputs forecast by Gate/Milestone for each year based on Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 2, 3, 11 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported for the relevant year. This should not include outputs for projects already included in the Committed List. The number of outputs by Gate/Milestone for each year should be reported cumulatively.

SR21 Information Request

Guidance and Definitions

Table 6 – Number of Needs or Projects by Milestone

Overview of Table

This table covers the number of needs or projects by Gate or delivery milestone based on the following Gates:

- Gate 30 – Promotion of Need and Start of Option Development
- Gate 70 – Promotion of a Project
- Gate 80 – Project Approval
- Start on Site
- Gate 100 – Project Acceptance
- Gate 110 – Financial Closure

Guidance specific to this table

This table requires Scottish Water to report the number of needs or projects by Gate for each year to meet each of the Ministerial Objectives. It asks for the number of needs or projects for each year based on:

- projects already included on the Committed List;
- Scottish Water's current best estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period; and
- Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 2, 3, 5, 11 and 13. Note that this could be the same as the current best estimate in some cases.

The corresponding expenditure associated with each of these elements should be reported in Table 11 (Tier 2 Enhancement and Growth investment by Ministerial objectives) and Table 13 (Repair, Refurbishment and Asset Replacement – Disaggregation by management approach).

SR21 Information Request

Guidance and Definitions

Each block of the table relates to each objective covered by the Scottish Water Directions 2020.⁶ These are:

- Standards of Service
- Asset Maintenance
- Supporting Sustainable Economic Growth
- Circular Economy
- Drinking Water
- Environment
- Flooding and Surface Water Management
- Security and Resilience
- Climate Change, Adaptation and Mitigation
- Private Finance Initiative Funded Projects

Scottish Water should report each project against the relevant objective. While a need or a project could, in theory, contribute towards more than one objective, Scottish Water should report the number of needs or projects against the main objective that the project contributes to.

The table also includes separate blocks for completion investment for the 2010-15 regulatory control period (SR10 Completion) and the 2015-21 regulatory control period (SR15 Completion).

In this table, the number of needs or projects by Gate/Milestone for each year should be reported cumulatively.

It is envisaged that the number of needs will be reported for Gate 30 and the number of projects will be reported from Gate 70 onwards.

⁶ Scottish Water: directions 2020 available at [Scottish Water: directions 2020 - gov.scot \(www.gov.scot\)](http://www.gov.scot/Scottish-Water-directions-2020)

SR21 Information Request

Guidance and Definitions

Column Definitions

1	Management Approach Reference(s)	Text
----------	---	-------------

Definition: Report the Management Approach(es) that covers the need or project.

Processing rules: Input field.

2	Type	
----------	-------------	--

Definition: Baseline refers to the initial forecasted profile of needs or projects by Gate for the 2021-27 regulatory control period

Forecast Actual refers to the actual outturn projects delivered to date and the latest forecast by Gate.

Processing rules: Reference

3	Gate	
----------	-------------	--

Definition: For investment for the 2021-27 regulatory control period, the gates are:

- Gate 30 – Promotion of Need and Start of Option Development
- Gate 70 – Promotion of a Project
- Gate 80 – Project Approval
- Start on Site
- Gate 100 – Project Acceptance
- Gate 110 – Financial Closure

It is envisaged that the number of needs will be reported for Gate 30 and the number of projects will be reported from Gate 70 onwards.

SR21 Information Request

Guidance and Definitions

4, 7, 10, 13, 16, 19	Confirmed on Committed List for relevant year	
----------------------	--	--

Definition: Report the number of projects by Gate/Milestone for each year (as appropriate given the unit of measurement in column 2) for projects already included in the Committed List for the relevant year. The number of projects by Gate/Milestone for each year should be reported cumulatively.

Processing rules: Input field

5, 8, 11, 14, 17, 20	Best estimate	
----------------------	----------------------	--

Definition: Report the number of needs or projects by Gate/Milestone based on Scottish Water's current best estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period. This should be reported for the relevant year. This should not include projects already included in the Committed List. The number of projects by Gate/Milestone for each year should be reported cumulatively.

6, 9, 12, 15, 18, 21	Minimum	
----------------------	----------------	--

Definition: Report the number of needs or projects forecast by Gate/Milestone based on Scottish Water's minimum expectation of required investment projects for the remainder of the regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 2, 3, 5,

SR21 Information Request

Guidance and Definitions

11 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported for the relevant year. This should not include projects already included in the Committed List. The number of outputs by Gate/Milestone for each year should be reported cumulatively.

Table 7 – Net Zero Emissions

Overview of Table

This table covers Scottish Water's forecasts for progress towards achieving net zero emissions.

Guidance specific to this table

No further detailed commentary.

Line Definitions

Block 1: Operational Emissions

7.1	Net Zero Emissions: total greenhouse gas emissions (before electricity export removals)	ktCO2e
------------	--	---------------

Definition: Scottish Water's forecast for the annual operational GHG emissions (before electricity export removals) as measured in Carbon Dioxide equivalents in each year.

Processing rules: Input field.

7.2	Renewable electricity generated and exported	ktCO2e
------------	---	---------------

Definition: Scottish Water's forecast for the GHG emissions related to renewable electricity generated and exported as measured in Carbon Dioxide equivalents in each year.

Processing rules: Input field.

SR21 Information Request

Guidance and Definitions

7.3	Net operational carbon footprint	ktCO2e
------------	---	---------------

Definition: Scottish Water's forecast for annual operational GHG emissions net of renewable electricity generated and exported as measured in Carbon Dioxide equivalents in each year.

Processing rules: Input field.

7.4	2006-07 baseline emissions (gross)	ktCO2e
------------	---	---------------

Definition: Scottish Water's gross GHG emissions in 2006-07 as measured in Carbon Dioxide equivalents in each year.

Processing rules: Input field.

7.5	2006-07 baseline emissions (net)	ktCO2e
------------	---	---------------

Definition: Scottish Water's net GHG emissions in 2006-07 as measured in Carbon Dioxide equivalents in each year.

Processing rules: Input field.

7.6	Percentage of 2006/07 baseline (gross)	%
------------	---	----------

Definition: Scottish Water's gross operational carbon footprint (expressed in Carbon Dioxide equivalents) expressed as a percentage of the

SR21 Information Request

Guidance and Definitions

Scottish Water's equivalent emissions for 2006/07 (i.e. the 'baseline') in each year.

Processing rules: Calculated Field: Table 7, Line 7.1 divided by Line 7.4.

7.7	Percentage of 2006/07 baseline (net)	%
------------	---	----------

Definition: Scottish Water's net operational carbon footprint (expressed in Carbon Dioxide equivalents) expressed as a percentage of the Scottish Water's equivalent emissions for 2006/07 (i.e. the 'baseline') in each year. We expect that this line will capture Scottish Water's commitment to reduce operational emissions by at least 60% compared to the baseline by 2025 as set out in Scottish Water's Net Zero Routemap.

Processing rules: Calculated field: Table 7, Line 7.3 divided by Line 7.5.

Block 2: Capital And Embodied Emissions

7.8	Carbon intensity ratio for investment	t/CO2e/£m
------------	--	------------------

Definition: Amount of greenhouse gases associated with the capital investment programme expressed per £1m of investment in each year. The calculation is the GHG emissions for the capital investment programme (expressed in Carbon Dioxide Equivalents) divided by outturn capital expenditure in the year.

Processing rules: Input field.

7.9	Embodied carbon in overall asset base	tCO2e
------------	--	--------------

Definition: Estimate of the greenhouse gas emissions (expressed in Carbon Dioxide Equivalents) embodied in the overall asset base in each

SR21 Information Request

Guidance and Definitions

year. Scottish Water should explain how it has estimated this value in the accompanying commentary document.

Processing rules: Input field.

Block 3: Electricity Usage And Generation

7.10	Annual electricity usage (regulatory operational usage)	GWh
-------------	--	------------

Definition: Scottish Water's annual electricity usage related to regulated operations in each year.

Processing rules: Input field.

7.11	Annual electricity usage (Scottish Water total)	GWh
-------------	--	------------

Definition: Scottish Water's total annual electricity usage in each year.

Processing rules: Input field.

7.12	Scottish Water own renewable energy generation	GWh
-------------	---	------------

Definition: Scottish Water's total annual own renewable energy generation in each year.

Processing rules: Input field.

7.13	Third party renewable energy generation hosted on Scottish Water land	GWh
-------------	--	------------

Definition: Total annual renewable energy generated by third parties on Scottish Water land in each year.

Processing rules: Input field.

SR21 Information Request

Guidance and Definitions

7.14	Scottish Water own and hosted renewable energy generation as a percentage of annual electricity usage (regulatory operational usage)	%
-------------	---	----------

Definition: Own and hosted renewable energy generation as a percentage of total regulatory operational electricity usage in each year.

Processing rules: Calculated field: Table 7, Line 7.12 plus Line 7.13 all divided by Line 7.10

7.15	Scottish Water own and hosted renewable energy generation as a percentage of annual electricity usage (Scottish Water total)	%
-------------	---	----------

Definition: Own and hosted renewable energy generation as a percentage of total Scottish Water's total electricity usage in each year.

Processing rules: Calculated field: Table 7, Line 7.12 plus Line 7.13 all divided by Line 7.11

Section 2 – Financials

Table 8 – Revenue, Borrowing and Cash

Overview of Table

This table covers the funding and financing available over the 2021-27 regulatory control period.

Guidance specific to this table

Input inflation assumptions in Table 14.

Line Definitions

Block 1: Price And Revenue Growth

8.1	October CPI preceding year	%
------------	-----------------------------------	----------

Definition: The forecast Consumer Price Index (CPI) inflation percentage from October of the preceding financial year.

Input inflation assumptions in Table 14.

Processing rules: Brought Forward (Table 14, Line 14.1)

8.2	Inflation index (2018/19 base year)	Nr
------------	--	-----------

Definition: The inflation index factor for converting revenue reported in projected outturn prices into 2018/19 prices for comparison to the revenue allowances in the Final Determination.

Processing rules: Calculated field: Calculates the inflation index using the inflation percentage in Table 8, Line 8.1

SR21 Information Request

Guidance and Definitions

8.3	Real price change (K factor) - households	%
------------	--	----------

Definition: The forecast percentage annual price change for households in real terms in each year.

Processing rules: Input field

8.4	Real price change (K factor) – wholesale (non-household)	%
------------	---	----------

Definition: The forecast percentage annual price change for wholesale services (non-households) in real terms in each year.

Processing rules: Input field

8.5	Household growth	%
------------	-------------------------	----------

Definition: The forecast growth in household customers in each year based on Band D equivalents.

Processing rules: Input field

8.6	Non-household growth	%
------------	-----------------------------	----------

Definition: The forecast growth in non-household customers in each year. This will be based on a weighted average of changes in number of properties and changes in volumes in each year.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

Block 2: Household Revenue

8.7	Household revenue in preceding year	£m (3dp)
------------	--	-----------------

Definition: The revenue from household customers in the preceding year.

Processing rules: Brought Forward (Equals the previous year's value in Line 8.12)

8.8	Change in revenue from the real price change and growth	£m (3dp)
------------	--	-----------------

Definition: The change in revenue compared to the revenue in the preceding year resulting from the inflation, the real price change and household growth.

Processing rules: Calculated Field: Table 8, Line 8.7 x (1 + Table 8, Line 8.1 + Table 8, Line 8.3) x (1 + Table 8, Line 8.5) minus Table 8, Line 8.7

8.9	Revenue impact of change in CTR in 2021/22 (projected outturn prices)	£m (3dp)
------------	--	-----------------

Definition: The forecast impact on revenue resulting from the change in the Council Tax Reduction scheme in 2021/22.

Processing rules: Input field

8.10	Revenue impact of other policy changes (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The forecast impact on revenue resulting from other policy changes in each year. Scottish Water should explain what those policy changes are in the supporting commentary.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

8.11	Revenue impact due to other factors (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast impact on revenue resulting from other factors (if applicable). Scottish Water should explain what those factors are in the supporting commentary.

Processing rules: Input field

8.12	Household revenue in the year (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast household revenue in each year.

Processing rules: Input field for 2020/21 value, Calculated field for 2021-22 onwards: Sum of Table 8, Lines 8.7 to 8.11

Block 3: Wholesale Revenue

8.13	Wholesale revenue in preceding year	£m (3dp)
-------------	--	-----------------

Definition: The revenue related to wholesale services (non-household) in the preceding year.

Processing rules: Brought Forward (Equals the previous year's value in Table 8, Line 8.17)

8.14	Change in revenue from the real price change and growth	£m (3dp)
-------------	--	-----------------

Definition: The change in revenue compared to the revenue in the preceding year resulting from annual inflation, the real price change and the non-household growth.

Processing rules: Calculated Field: Table 8, Line 13 x (1 + Table 8, Line 8.1 + Table 8, Line 8.4) x (1 + Table 8, Line 8.6) minus Table 8, Line 8.13

8.15	Revenue impact of policy changes (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The forecast impact on revenue resulting from policy changes. Scottish Water should explain what those policy changes are in the supporting commentary.

Processing rules: Input field

8.16	Revenue impact due to other factors (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast impact on revenue resulting from other factors. Scottish Water should explain what those factors are in the supporting commentary.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

8.17	Wholesale revenue in the year (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast wholesale (non-household) revenue in each year.

Processing rules: Input field for 2020/21 value, Calculated field for 2021-22 onwards:
Sum of Table 8, Lines 8.13 to 8.16

Block 4: Other Income

8.18	Other revenue (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast revenue from other sources in each year. This should be reported in projected outturn prices.

Processing rules: Input field

8.19	Infrastructure charges income (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The total contributions received in the form of infrastructure charges in each year. This should be reported in projected outturn prices.

Processing rules: Input field

8.20	Disposals (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast income received from asset disposals in each year. This should be reported in projected outturn prices.

Processing rules: Input field

8.21	Total other income (projected outturn prices)	£m (3dp)
-------------	--	-----------------

SR21 Information Request

Guidance and Definitions

Definition: The forecast total other income in each year.

Processing rules: Calculated Field: Sum of Table 8, Lines 8.18 to 8.20

Block 5: Borrowing

8.22	New borrowing (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: Total new borrowing in each year (gross).

Processing rules: Input field

8.23	Borrowing repaid (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The total amount of debt repaid in the year. This should be input as a negative number.

Processing rules: Input field

8.24	Net new borrowing (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The total new borrowing less the borrowing repaid in each year.

Processing rules: Calculated Field: Sum of Table 8, Line 8.22 and Line 8.23

SR21 Information Request

Guidance and Definitions

Block 6: Cash Balances

8.25	Opening cash balance (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The amount of cash held at the start of the year.

Processing rules: Brought Forward (Equals the previous year's value in Table 8, Line 8.27)

8.26	Use of cash balances (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The net amount of the cash balance used or generated in the year. Report cash used as a negative number and cash generated as a positive number.

Processing rules: Input field

8.27	Closing cash balance (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The amount of cash held at the end of the year.

Processing rules: Input field for 2020/21 value, Calculated field for 2021-22 onwards: Sum of Table 8, Line 8.25 and Line 8.26

Block 7: Total Revenue and Cash Available

8.28	Total revenue as per FD (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The total forecast revenue collected in the year in projected outturn prices as per the Final Determination for the regulatory control period 2021-27.

Processing rules: Calculated Field: Table 8, Line 8.12 + Table 8, Line 8.17 + Table 8, Line 8.18

8.29	Total revenue as per FD (2018/19 prices)	£m (3dp)
-------------	---	-----------------

Definition: The total forecast revenue collected in the year in 2018/19 prices as per the Final Determination.

Processing rules: Calculated Field: Table 8, Line 8.28 divided by Table 8, Line 8.2

8.30	Total revenue including infrastructure charge income and disposals	£m (3dp)
-------------	---	-----------------

Definition: The total revenue including income from infrastructure charges and asset disposals in the year in projected outturn prices.

Processing rules: Calculated Field: Table 8, Line 8.12 + Line 8.17 + Line 8.21

8.31	Total revenue and borrowing (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The total revenue and borrowing in the year.

SR21 Information Request

Guidance and Definitions

Processing rules: Calculated Field: Table 8, Line 8.12 + Line 8.17 + Line 8.21 + Line 8.24

8.32	Total cash utilised (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The total cash utilised in the year.

Processing rules: Calculated Field: Table 8, Line 8.12 + Line 8.17 + Line 8.21 + Line 8.24 minus Line 8.26

Block 8: Memo Line: Change In Wholesale Revenue Compared To Previous Year (Further Disaggregation Of Line 8.14)

8.33	Change in revenue from average price change	£m (3dp)
-------------	--	-----------------

Definition: The change in revenue compared to the revenue in the preceding year resulting from the average price change. This is an area of uncertainty where more transparency is useful. As such, Scottish Water should cover wholesale revenue projects and the underlying assumptions in the supporting commentary.

Processing rules: Input field

8.34	Change in revenue due to changes in connections	£m (3dp)
-------------	--	-----------------

Definition: The change in revenue compared to the revenue in the preceding year resulting from the non-household growth. This is an area of uncertainty where more transparency is useful. As such, Scottish Water should cover wholesale revenue projects and the underlying assumptions in the supporting commentary.

SR21 Information Request

Guidance and Definitions

Processing rules: Input field

8.35	Measured non-household water volumes	m³
-------------	---	----------------------

Definition: Volume of potable water delivered to measured non- household properties which is used for billing purposes. This is an area of uncertainty where more transparency is useful. As such, Scottish Water should cover wholesale revenue projects and the underlying assumptions in the supporting commentary.

Processing rules: Input field

8.36	Measured non-household foul sewerage volumes	m³
-------------	---	----------------------

Definition: Volume of measured non-household sewage discharged to sewerage system by non-household customers which is used for billing purposes. This is an area of uncertainty where more transparency is useful. As such, Scottish Water should cover wholesale revenue projects and the underlying assumptions in the supporting commentary.

Processing rules: Input field

8.37	Change in revenue due to changes in volumes	£m (3dp)
-------------	--	-----------------

Definition: The change in revenue compared to the revenue in the preceding year resulting from changes in volumes. This is an area of uncertainty where more transparency is useful. As such, Scottish Water should cover wholesale revenue projects and the underlying assumptions in the supporting commentary.

Processing rules: Input field

8.38	Change in revenue from the real price change and growth	£m (3dp)
-------------	--	-----------------

SR21 Information Request

Guidance and Definitions

Definition: The change in revenue compared to the revenue in the preceding year resulting from annual inflation, the real price change and non-household growth. This is an area of uncertainty where more transparency is useful. As such, Scottish Water should cover wholesale revenue projects and the underlying assumptions in the supporting commentary.

This should align with Line 8.14 above.

Processing rules: Calculated Field: Table 8, Line 8.33 + Table 8, Line 8.34 + Table 8, Line 8.37

Table 9 – Tier 1 Operating and Financing Costs

Overview of Table

This table covers the Tier 1 operating and financing costs. Note that this excludes Tier 1 repair and refurbishment expenditure (which Scottish Water refers to as Tier 1a).

Guidance specific to this table

Line Definitions

Block 1: Inflation Assumptions

9.1	Cost inflation (RPI until 2021 and CPI from 2021/22; financial year average)	%
-----	--	---

Definition: The forecast Consumer Price Index (CPI) average inflation for the financial year.

Input the financial year average retail price index inflation until 2020/21 and then the financial year average CPI from 2021/22 onwards.

Input inflation assumptions in Table 14.

Processing rules: Brought Forward (Table 14, Line 14.3)

9.2	Inflation index (2017/18 base year)	Nr
-----	-------------------------------------	----

Definition: The CPI inflation index factor to convert expenditure reported in 2017/18 prices into projected outturn prices and vice versa.

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Table 9, Line 9.1

Block 2: Operating Expenditure Excluding Repair And Refurbishment

9.3	Operating expenditure in previous year	£m (3dp)
------------	---	-----------------

Definition: The forecast operating expenditure of the previous year. Operating expenditure in this line should exclude the repair and refurbishment expenditure previously expensed as operating expenditure (as per the definition of operating expenditure in previous regulatory control periods).

Processing rules: Brought Forward (Equals the previous year's value in Line 9.8)

9.4	Operating expenditure price inflation	%
------------	--	----------

Definition: The forecast input price inflation for operating expenditure in the year. This may be different from general inflation as measured by CPI inflation depending on input price inflation on Scottish Water's operating expenditure.

Processing rules: Input field

9.5	Operating expenditure in previous year (projected outturn prices)	£m (3dp)
------------	--	-----------------

Definition: The forecast operating expenditure of the previous year expressed in projected outturn prices.

Processing rules: Calculated Field: Table 9, Line 9.3 x (1 + Line 9.4)

9.6	Change in operating expenditure in year (projected outturn prices)	£m (3dp)
------------	---	-----------------

SR21 Information Request

Guidance and Definitions

Definition: The forecast change in operating expenditure in projected outturn prices in the year. This should exclude any reductions in operating expenditure through efficiency (i.e. it should be expressed pre-efficiency).

Provide further information on changes in the accompanying commentary.

Processing rules: Input field

9.7	Operating expenditure efficiency (projected outturn prices)	£m (3dp)
------------	--	-----------------

Definition: The forecast reduction in operating expenditure through efficiency in the year. This should be input as a negative number.

Processing rules: Input field

9.8	Operating expenditure post-efficiency (projected outturn prices)	£m (3dp)
------------	---	-----------------

Definition: The forecast operating expenditure in projected outturn prices in the year (post efficiency).

Processing rules: Input field for 2020/21 value, Calculated field for 2021/22 onwards: Table 9, Line 9.5 + Line 9.6 + Line 9.7

9.9	Operating expenditure post-efficiency (2017/18 prices; CPI based)	£m (3dp)
------------	--	-----------------

Definition: The forecast operating expenditure in the year expressed in 2017/18 prices which is the price base used for the 2021-27 regulatory control period.

Processing rules: Calculated Field: Table 9, Line 9.8 divided by Line 9.2

Block 3: Private Finance Initiative (PFI) Expenditure

9.10	PFI expenditure in previous year	£m (3dp)
-------------	---	-----------------

Definition: The forecast expenditure paid to PFI contractors in the previous year.

Processing rules: Brought Forward (Equals the previous year's value in Line 9.15)

9.11	PFI expenditure price inflation	%
-------------	--	----------

Definition: The forecast price inflation for the PFI contracts in the year. This should be expressed as a weighted average across the PFI contracts.

Processing rules: Input field

9.12	PFI expenditure in previous year (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The forecast PFI expenditure of the previous year expressed in projected outturn prices.

Processing rules: Calculated Field: Table 9, Line 9.10 x (1 + Line 9.11)

9.13	Change in PFI expenditure in year (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast change in PFI expenditure in projected outturn prices in the year. This should exclude any reductions in PFI expenditure through efficiency (i.e. it should be expressed pre-efficiency).

Provide further information on changes in the accompanying commentary.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

9.14	PFI expenditure efficiency (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The forecast reduction in PFI expenditure in the year through efficiency. This should be input as a negative number.

Processing rules: Input field

9.15	PFI expenditure post-efficiency (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast PFI expenditure in projected outturn prices in the year (post efficiency).

Processing rules: Input field for 2020/21 value, Calculated field for 2021/22 onwards: Table 9, Line 9.12 + Line 9.13 + Line 9.14.

9.16	PFI expenditure post-efficiency (2017/18 prices; CPI based)	£m (3dp)
-------------	--	-----------------

Definition: The forecast PFI expenditure in the year expressed in 2017/18 prices which is the price base used for the 2021-27 regulatory control period.

Processing rules: Calculated Field: Table 9, Line 9.15 divided by Line 9.2

Block 4: Developer Contributions

9.17	Reasonable cost contributions post-efficiency (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast reasonable cost contributions in the year expressed in projected outturn prices (post efficiency).

SR21 Information Request

Guidance and Definitions

This should be reported based on projected cash expenditure on reasonable cost contributions in the year – i.e. it should not be reported as the ‘normative charge’ for the year.

Processing rules: Input field

9.18	Reasonable cost contributions post-efficiency (2017/18 prices; CPI based)	£m (3dp)
-------------	--	-----------------

Definition: The forecast reasonable cost contributions in the year in 2017/18 prices which is the price base used for the 2021-27 regulatory control period.

This should be reported based on projected cash expenditure on reasonable cost contributions in the year – i.e. it should not be reported as the ‘normative charge’ for the year.

Processing rules: Calculated Field: Table 9, Line 9.17 divided by Line 9.2

SR21 Information Request

Guidance and Definitions

Block 5: Interest

9.19	New borrowing	£m (3dp)
-------------	----------------------	-----------------

Definition: Total new borrowing in the year (gross).

Processing rules: Brought Forward (Table 8, Line 8.22)

9.20	Borrowing repaid	£m (3dp)
-------------	-------------------------	-----------------

Definition: The total amount of debt repaid in the year.

Processing rules: Brought Forward (Table 8, Line 8.23)

9.21	Net new borrowing	£m (3dp)
-------------	--------------------------	-----------------

Definition: The total new borrowing less the borrowing repaid in the year.

Processing rules: Calculated Field: Table 9, Line 9.19 + Line 9.20

9.22	Interest on new borrowing	%
-------------	----------------------------------	----------

Definition: The forecast weighted average interest rate on the new borrowing in the year (gross) reported in Line 9.19.

Processing rules: Input field

9.23	Interest on borrowing repaid	%
-------------	-------------------------------------	----------

Definition: The forecast weighted average interest rate on the debt repaid in the year reported in Line 9.20.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

9.24	Interest expense in previous year	£m (3dp)
-------------	--	-----------------

Definition: The interest expense from the previous year.

Processing rules: Brought Forward (Equals the previous year's value in Line 9.26)

9.25	Change in interest expense in current year	£m (3dp)
-------------	---	-----------------

Definition: The projected change in interest paid in the year.

Processing rules: Calculated Field: (Table 9, Line 9.19 x Line 9.22) + (Line 9.20 x Line 9.23)

9.26	Interest expense in current year	£m (3dp)
-------------	---	-----------------

Definition: The forecast interest expense in the current year.

Processing rules: Input field for 2020/21, Calculated field for 2021/22 onwards: Table 9, Line 9.24 + Line 9.25

9.27	Interest income	£m (3dp)
-------------	------------------------	-----------------

Definition: The forecast interest income received in the year. This should be input as a negative number.

Processing rules: Input field

9.28	Net interest	£m (3dp)
-------------	---------------------	-----------------

Definition: The interest expense net of the interest income in the year.

Processing rules: Calculated Field: Table 9, Line 9.26 + Line 9.27

Block 6: Taxation

9.29	Tax paid	£m (3dp)
-------------	-----------------	-----------------

Definition: The forecast amount of tax paid in the year.

This should be reported based on projected cash expenditure on taxation in the year – i.e. it should not be reported as the 'normative charge' for the year.

Processing rules: Input field

Block 7: Total

9.30	Total Tier 1 operating and financial expenditure (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The total Tier 1 operating and financial expenditure (excluding responsive repair and refurbishment)

Processing rules: Calculated Field: Sum of Table 9, Lines 9.8, 9.15, 9.17, 9.28 and 9.29

Block 8: Memo Lines: Operating Expenditure On The Same Basis As SR15 Operating Expenditure (i.e. Including Non-Capitalised Repairs)

9.31	Operating expenditure in previous year	£m (3dp)
-------------	---	-----------------

Definition: The forecast operating expenditure of the previous year as per the definition of operating expenditure for the 2015-21 regulatory control period. This will include an element of the repair and

SR21 Information Request

Guidance and Definitions

refurbishment expenditure which would have historically been expensed as operating expenditure.

Processing rules: Brought Forward (Equals the preceding year's value in Line 9.36)

9.32	Operating expenditure price inflation	%
-------------	--	----------

Definition: The forecast input price inflation for operating expenditure in the year. This may be different from general inflation as measured by CPI inflation depending on input price inflation on Scottish Water's operating expenditure.

Processing rules: Input field

9.33	Operating expenditure in previous year (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The forecast operating expenditure of the previous year expressed in projected outturn prices. This is reported as per the definition of operating expenditure for the 2015-21 regulatory control period and will include an element of the repair and refurbishment expenditure which would have historically been expensed as operating expenditure.

Processing rules: Calculated Field: Table 9, Line 9.31 x (1 + Line 9.32)

9.34	Change in operating expenditure in year (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast change in operating expenditure in projected outturn prices in the year. This should exclude any reductions in operating expenditure through efficiency (i.e. it should be expressed pre-efficiency).

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

9.35	Operating expenditure efficiency (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The forecast reduction in operating expenditure through efficiency in the year. This should be input as a negative number.

Processing rules: Input field

9.36	Operating expenditure post-efficiency (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast operating expenditure in projected outturn prices in the year (post efficiency).

Processing rules: Input field for 2020/21 value, Calculated field for 2021/22 onwards: Table 9, Line 9.33 + Line 9.34 + Line 9.35

9.37	Operating expenditure post-efficiency (2017/18 prices; CPI based)	£m (3dp)
-------------	--	-----------------

Definition: The forecast operating expenditure in the year expressed in 2017/18 prices which is the price base used for the 2021-27 regulatory control period. This is reported as per the definition of operating expenditure for the 2015-21 regulatory control period and will include an element of the repair and refurbishment expenditure which would have historically been expensed as operating expenditure.

Processing rules: Calculated Field: Table 9, Line 9.36 divided by Line 9.2

Block 9: Memo Lines: Developer Contributions - Number Of Payments

9.38	Number of new household properties receiving reasonable cost contributions - water	Nr
-------------	---	-----------

Definition: The number of new household properties connected to the water network receiving reasonable cost contributions.

Processing rules: Input field

9.39	Number of new non-household properties receiving reasonable cost contributions - water	Nr
-------------	---	-----------

Definition: The number of new non-household properties connected to the water network receiving reasonable cost contributions.

Processing rules: Input field

9.40	Total number of new properties receiving reasonable cost contributions - water	Nr
-------------	---	-----------

Definition: The total number of new properties connected to the water network receiving reasonable cost contributions.

Processing rules: Calculated Field: Sum of Table 9, Lines 9.38 and 9.39

9.41	Number of new household properties receiving reasonable cost contributions - wastewater	Nr
-------------	--	-----------

Definition: The number of new household properties connected to the wastewater network receiving reasonable cost contributions.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

9.42	Number of new non-household properties receiving reasonable cost contributions - wastewater	Nr
-------------	--	-----------

Definition: The number of new non-household properties connected to the wastewater network receiving reasonable cost contributions.

Processing rules: Input field

9.43	Total number of new properties receiving reasonable cost contributions - wastewater	Nr
-------------	--	-----------

Definition: The total number of new properties connected to the wastewater network receiving reasonable cost contributions.

Processing rules: Calculated Field: Sum of Table 9, Lines 9.41 and 9.42

Table 10 – Tier 2 Enhancement and Growth Investment

Overview Of Table

This table covers the forecast expenditure on Tier 2 Enhancement and Growth investment projects. Note that this excludes Tier 2 repair, refurbishment and asset replacement investment.

Guidance specific to this table

Enhancement relates to investment that results in incremental improvements in levels of service provided or levels of compliance. For the avoidance of doubt, this investment is driven by legislative, statutory or other requirements. If an investment project involves the replacement of an asset with another that provides a higher level of service in response to a legislative or statutory requirement, the allocation to enhancement should only be the incremental expenditure over and above a like-for-like asset replacement. The remaining expenditure should be allocated to asset replacement.

Part 3 and Part 4 growth investment should only be reported in this table. Part 3 growth investment should be included given that infrastructure charge income is included in Table 8. Reasonable cost contributions should not be reported in this table and should be reported in the Tier 1 financing and operating expenditure table (Table 9).

If an investment project involves the replacement of an asset with another that provides additional demand, the allocation to growth should only be the incremental expenditure over and above a like-for-like asset replacement. The remaining expenditure should be allocated to asset replacement.

Scottish Water should report the forecast expenditure related to:

- projects confirmed in the Committed List; and
- its current best available estimate of the projects required to meet or exceed the objectives for the water industry for the remainder of the 2021-27 regulatory control period.

SR21 Information Request

Guidance and Definitions

As such, the reported expenditure in Line 10.20 and 10.23 should align with the expenditure reported in Table 2.

Input inflation assumptions in Table 14.

Line Definitions

Block 1: Inflation Assumptions

10.1	Capital price inflation	%
-------------	--------------------------------	----------

Definition: Scottish Water's observed and forecast capital price inflation for the financial year.

Input inflation assumptions in Table 14.

Processing rules: Brought Forward (Table 14, Line 14.5)

10.2	Capital price inflation factor	Nr
-------------	---------------------------------------	-----------

Definition: The capital price inflation index factor to convert expenditure reported in 2017/18 prices into projected outturn prices and vice versa

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Line 10.1

10.3	Cost inflation (RPI until 2021 and CPI from 2021/22; financial year average)	%
-------------	---	----------

Definition: The forecast Consumer Price Index (CPI) average inflation for the financial year.

SR21 Information Request

Guidance and Definitions

Input the financial year average retail price index inflation until 2020/21 and then the financial year average CPI from 2021/22 onwards.

Input inflation assumptions in Table 14.

Processing rules: Brought Forward (Table 14, Line 14.3)

10.4	Inflation index (2017/18 base year)	Nr
-------------	--	-----------

Definition: The CPI inflation index factor for converting monetary values from projected outturn prices into convert expenditure reported in 2017/18 prices into projected outturn prices and vice versa

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Line 10.3

Block 2: 'Tier 2' Growth Investment

10.5	Growth investment pre-efficiency (2017/18 prices)	£m (3dp)
-------------	--	-----------------

Definition: The forecast growth investment for each year of the 2021-27 regulatory control period in 2017/18 prices (pre-efficiency).

Part 3 and Part 4 growth investment should only be reported in this table.

Scottish Water should report the forecast expenditure related to:

- growth investment projects already confirmed in the Committed List; and
- its current best available estimate of the growth investment projects required to meet or exceed the Ministerial objectives 2021-27.

SR21 Information Request

Guidance and Definitions

Processing rules: Input field

10.6	Growth investment pre-efficiency (projected outturn prices based on capital price inflation)	£m (3dp)
-------------	---	-----------------

Definition: The forecast growth investment for each year of the 2021-27 regulatory control period in projected outturn prices after adjusting for observed and forecast capital price inflation (pre-efficiency).

Processing rules: Calculated Field: The product of Table 10, Line 10.5 and Line 10.2

10.7	Efficiency (projected outturn prices)	£m (3dp)
-------------	--	-----------------

Definition: The forecast growth investment efficiency for each year of the 2021-27 regulatory control period in projected outturn prices. This should be input as a negative number.

Processing rules: Input field

10.8	Growth investment post-efficiency (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast growth investment for each year of the 2021-27 regulatory control period in projected outturn prices post efficiency.

Processing rules: Calculated Field: Table 10, Line 10.6 + Line 10.7

10.9	Growth investment post-efficiency (2017/18 prices; CPI based)	£m (3dp)
-------------	--	-----------------

Definition: The forecast growth investment for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices post efficiency.

Processing rules: Calculated Field: Table 10, Line 10.8 divided by Line 10.4

SR21 Information Request

Guidance and Definitions

SR21 Information Request

Guidance and Definitions

Block 3: 'Tier 2' Enhancement Investment

10.10	Enhancement investment pre-efficiency (2017/18 prices)	£m (3dp)
--------------	---	-----------------

Definition: The forecast enhancement investment for each year of the 2021-27 regulatory control period in 2017/18 prices (pre-efficiency).

Scottish Water should report the forecast expenditure related to:

- enhancement investment projects already confirmed in the Committed List; and
- its current best available estimate of the enhancement investment projects required to meet or exceed the Ministerial objectives 2021-27.

Processing rules: Input field

10.11	Enhancement investment pre-efficiency (projected outturn prices based on capital price inflation)	£m (3dp)
--------------	--	-----------------

Definition: The forecast enhancement investment for each year of the 2021-27 regulatory control period in projected outturn prices after adjusting for observed and forecast capital price inflation (pre-efficiency).

Processing rules: Calculated Field: The product of Table 10, Line 10.10 and Line 10.2

10.12	Efficiency (projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The forecast enhancement investment efficiency for each year of the 2021-27 regulatory control period in projected outturn prices. This should be input as a negative number.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

10.13	Enhancement investment post-efficiency (projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The forecast enhancement investment for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Calculated Field: Table 10, Line 10.11 + Line 10.12

10.14	Enhancement investment post-efficiency (2017/18 prices; CPI based)	£m (3dp)
--------------	---	-----------------

Definition: The forecast enhancement investment for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices post efficiency.

Processing rules: Calculated Field: Table 10, Line 10.13 divided by Line 10.4

Block 4: Completion Investment (Growth And Enhancement)

10.15	Completion investment (Growth and Enhancement only) pre-efficiency (2017/18 prices)	£m (3dp)
--------------	--	-----------------

Definition: The forecast completion investment for each year of the 2021-27 regulatory control period in 2017/18 prices (pre-efficiency).

This should include completion investment related to growth and enhancement investment only. Completion investment related to asset replacement should be reported in Table 12.

This should include:

- 'SR10 completion'; and

SR21 Information Request

Guidance and Definitions

- 'SR15 completion including IR18 projects funded from SR15 closing cash balances';

Processing rules: Input field

10.16	Completion investment (Growth and Enhancement only) pre efficiency (projected outturn prices based on capital price inflation)	£m (3dp)
--------------	---	-----------------

Definition: The forecast completion investment allocated to growth and enhancement for each year of the 2021-27 regulatory control period in projected outturn prices after adjusting for observed and forecast capital price inflation (pre-efficiency).

Processing rules: Calculated Field: The product of Table 10, Line 10.15 and Line 10.2

10.17	Efficiency (projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The forecast completion investment efficiency for each year of the 2021-27 regulatory control period in projected outturn prices. This should be input as a negative number.

Processing rules: Input field

10.18	Completion investment (Growth and Enhancement only) post efficiency (projected outturn prices)	£m (3dp)
--------------	---	-----------------

Definition: The forecast completion investment related to growth and enhancement for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Calculated Field: Table 10, Line 10.16 + Line 10.17

SR21 Information Request

Guidance and Definitions

10.19	Completion investment (Growth and Enhancement only) post-efficiency (2017/18 prices; CPI based)	£m (3dp)
--------------	--	-----------------

Definition: The forecast completion investment related to growth and enhancement for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices (post efficiency).

Processing rules: Calculated Field: Table 10, Line 10.18 divided by Line 10.4

Block 5: Expenditure Totals (Gross)

10.20	'Tier 2' Total Growth and Enhancement Investment (Projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The total growth, enhancement and completion investment in each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

This should be consistent with the growth and enhancement investment reported in Table 2, Columns 50 to 56.

Processing rules: Calculated Field: Table 10, Line 10.8 + Line 10.13 + Line 10.18

10.21	'Tier 2' Total Growth and Enhancement Investment (2017/18 prices)	£m (3dp)
--------------	--	-----------------

Definition: The total growth, enhancement and completion investment for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices (post efficiency).

Processing rules: Calculated Field: Table 10, Line 10.20 divided by Line 10.4

Block 6: Expenditure Totals (Net Of Grants And Contributions)

10.22	Capital contributions (Projected outturn prices)	£m (3dp)
--------------	---	-----------------

Definition: The forecast capital contributions related to enhancement and growth investment received for each year of the 2021-27 regulatory control period in projected outturn prices. This should be input as a negative number.

Processing rules: Input field

10.23	'Tier 2' Total Growth and Enhancement Investment Net of Grants and Contributions (Projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The total growth, enhancement and completion investment net of grant and contributions for each year of the 2021-27 regulatory control period in projected outturn prices.

This should be consistent with the growth and enhancement investment (net of grants and capital contributions) reported in Table 2, Columns 78.

Processing rules: Calculated Field: Table 10, Line 10.20 + Line 10.22

10.24	'Tier 2' Total Growth and Enhancement Investment Net of Grants and Contributions (2017/18 prices)	£m (3dp)
--------------	--	-----------------

Definition: The total growth, enhancement and completion investment net of grants and contributions for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices.

Processing rules: Calculated Field: Table 10, Line 10.23 divided by Line 10.4

SR21 Information Request

Guidance and Definitions

Block 7: Memo Lines: Completion Investment (Projected Outturn Prices)

10.25	Completion investment post-efficiency (projected outturn prices): Growth	£m (3dp)
--------------	---	-----------------

Definition: The forecast completion investment allocated to growth investment for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Input field

10.26	Completion investment post-efficiency (projected outturn prices): Enhancement	£m (3dp)
--------------	--	-----------------

Definition: The forecast completion investment allocated to enhancement investment for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Input field

10.27	Completion investment post-efficiency (projected outturn prices): Total	£m (3dp)
--------------	--	-----------------

Definition: The forecast total completion investment allocated to enhancement and growth investment for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency). This should match the number reported in Line 10.18.

Processing rules: Calculated Field: Table 10, sum of Lines 10.25 and 10.26

Block 8: Memo Lines: New Properties Connected

10.28	Number of new household properties connected to the water network	Nr
--------------	--	-----------

Definition: The number of new household properties connected to the water network.

Processing rules: Input field

10.29	Number of new non-household properties connected to the water network	Nr
--------------	--	-----------

Definition: The number of new non-household properties connected to the water network.

Processing rules: Input field

10.30	Total number of new properties connected to the water network	Nr
--------------	--	-----------

Definition: The total number of new properties connected to the water network.

Processing rules: Calculated Field: Table 10, Line 10.28 + Line 10.29

10.31	Number of new household properties connected to the wastewater network	Nr
--------------	---	-----------

Definition: The number of new household properties connected to the wastewater network.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

10.32	Number of new non-household properties connected to the wastewater network	Nr
--------------	---	-----------

Definition: The number of new non-household properties connected to the wastewater network.

Processing rules: Input field

10.33	Total number of new properties connected to the wastewater network	Nr
--------------	---	-----------

Definition: The total number of new properties connected to the wastewater network.

Processing rules: Calculated Field: Table 10, Line 10.31 + Line 10.32

Table 11 – Tier 2 Enhancement and Growth Investment By Ministerial Objective

Overview Of Table

This table covers the forecast expenditure on Tier 2 Enhancement and Growth investment projects by Ministerial objective for the 2021-27 regulatory control period. Note that this excludes Tier 2 repair, refurbishment and asset replacement investment.

Guidance specific to this table

This table requires Scottish Water to report its forecast expenditure on Tier 2 Enhancement and Growth investment projects by each objective covered by the Scottish Water Directions 2020 (excluding Asset Maintenance).⁷ These are:

- Standards of Service
- Supporting Sustainable Economic Growth
- Circular Economy
- Drinking Water
- Environment
- Flooding and Surface Water Management
- Security and Resilience
- Climate Change, Adaptation and Mitigation
- Private Finance Initiative Funded Projects

In line with Table 10, enhancement relates to investment that results in incremental improvements in levels of service provided or levels of compliance. For the avoidance of doubt, this investment is driven by legislative, statutory or other requirements. If an investment project involves the replacement of an asset with another that provides a higher level of service in response to a legislative or statutory requirement, the allocation to enhancement should only be the incremental expenditure over and above

⁷ Scottish Water: directions 2020 available at [Scottish Water: directions 2020 - gov.scot \(www.gov.scot\)](https://www.gov.scot/Topics/consultations/scottish-water-directions-2020)

SR21 Information Request

Guidance and Definitions

a like-for-like asset replacement. The remaining expenditure should be allocated to asset replacement.

Part 3 and Part 4 growth investment should only be reported in this table. Part 3 growth investment should be included given that infrastructure charge income is included in Table 8. Reasonable cost contributions should not be reported in this table and should be reported in the Tier 1 financing and operating expenditure table (Table 9).

If an investment project involves the replacement of an asset with another that provides additional demand, the allocation to growth should only be the incremental expenditure over and above a like-for-like asset replacement. The remaining expenditure should be allocated to asset replacement.

For each year, Scottish Water should report the forecast expenditure related to:

- investment projects already confirmed in the Committed List;
- its current best available estimate of required enhancement and growth investment projects for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27; and
- its minimum expectation of required enhancement and growth investment projects for the remainder of this regulatory control period that will still deliver the Ministerial objectives – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables 3, 5, 6 and 13. Note that this could be the same as the current best estimate in some cases.

The corresponding outputs, needs or projects associated with each of these elements should be reported in Tables 3, 4, 5 and 6.

The sum of the total growth and enhancement investment (gross and net of grants and contributions) from the Committed list and the best available estimate of the Pre Committed List should match the respective expenditure totals lines in Table 10 'Tier 2 Enhancement and Growth Investment'.

Column Definitions

SR21 Information Request

Guidance and Definitions

1	Actual Year - 2020/21	%/nr
----------	------------------------------	-------------

Definition: Inflation assumptions and index only.

Processing rules: Brought Forward/Calculated field

2, 5, 8, 11, 14, 17	Confirmed in Committed List	£m (3dp)
----------------------------	------------------------------------	-----------------

Definition: Report the expenditure for projects included in the Committed List for the relevant year in projected outturn prices. This expenditure should be consistent with the outputs and projects for this objective reported in Tables 3, 5 and 6. The expenditure should not be reported cumulatively.

Processing rules: Input field

3, 6, 9 12, 15, 18	Best estimate	£m (3dp)
---------------------------	----------------------	-----------------

Definition: Scottish Water's current best estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for the 2021-27 regulatory control period. This should be reported for the relevant year in projected outturn prices. This should not include outputs for projects already included in the Committed List. This expenditure should be consistent with the outputs and projects for this objective reported in Tables 3, 5 and 6. The expenditure should not be reported cumulatively.

Processing rules: Input field

4, 7, 10, 13, 16, 19	Minimum	£m (3dp)
-----------------------------	----------------	-----------------

Definition: Scottish Water's minimum expectation of the investment projects required for the remainder of the regulatory control period that will still deliver the Ministerial objectives for 2021-27 – the 'Minimum' should be consistent with the 'Minimum' columns reported in Tables

SR21 Information Request

Guidance and Definitions

2, 5, 6 and 13. Note that this could be the same as the current best estimate in some cases.

This should be reported for the relevant year. This should not include outputs for projects already included in the Committed List. This expenditure should be consistent with the outputs and projects for this objective reported in Tables 3, 5 and 6. The expenditure should not be reported cumulatively.

Processing rules: Input field

20	Committed List + Best Estimate	£m (3dp)
-----------	---------------------------------------	-----------------

Definition: The forecast total expenditure for the 2021-27 regulatory control period. This includes expenditure on:

- projects already included on the Committed List; and
- Scottish Water's current best estimate of the projects required for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

Processing rules: Calculated Field: Sum of columns 2, 3, 5, 6, 8, 9, 11, 12, 14, 15, 17 and 18

21	Committed List + Minimum	£m (3dp)
-----------	---------------------------------	-----------------

Definition: The forecast total expenditure for the 2021-27 regulatory control period. This includes expenditure on:

- projects already included on the Committed List; and
- Scottish Water's minimum expectation of investment projects required for the remainder of the regulatory control period that will still deliver the Ministerial objectives.

SR21 Information Request

Guidance and Definitions

Processing rules: Calculated Field: Sum of columns 2, 4, 5, 7, 8, 10, 11, 13, 14, 16, 17 and 19

Line Definitions

Block 1: Inflation Assumptions

11.1	Cost inflation (RPI until 2021 and CPI from 2021/22; financial year average)	%
-------------	---	----------

Definition: The forecast Consumer Price Index (CPI) average inflation for the financial year.

Input the financial year average retail price index inflation until 2020/21 and then the financial year average CPI from 2021/22 onwards.

Input inflation assumptions in Table 14.

Processing rules: Brought Forward (Table 14, Line 14.3)

11.2	Inflation index (2017/18 base year)	Nr
-------------	--	-----------

Definition: The CPI inflation index factor for converting monetary values from projected outturn prices into convert expenditure reported in 2017/18 prices into projected outturn prices and vice versa.

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Table 11, Line 11.1

Block 2: SR21 'Tier 2' Growth (Projected Outturn Prices)

11.3	Supporting sustainable economic growth	£m (3dp)
-------------	---	-----------------

Definition: The forecast investment expenditure related to the Ministerial objective: Supporting sustainable economic growth. This should be reported for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

The sum of the 'Confirmed in Committed List' and 'Best estimate' for each year should be consistent with the growth investment reported in Table 10, line 10.8 for the same year.

Processing rules: Input field

Block 3: SR21 'Tier 2' Enhancement Investment (Projected Outturn Prices)

11.4	Standards of service	£m (3dp)
-------------	-----------------------------	-----------------

Definition: The forecast investment expenditure related to the Ministerial objective: Standards of service. This should be reported for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Input field

11.5	Circular Economy	£m (3dp)
-------------	-------------------------	-----------------

Definition: The forecast investment expenditure related to the Ministerial objective: Circular economy. This should be reported for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

SR21 Information Request

Guidance and Definitions

Processing rules: Input field

11.6	Drinking Water	£m (3dp)
-------------	-----------------------	-----------------

Definition: The forecast investment expenditure related to the Ministerial objective: Drinking water. This should be reported for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Input field

11.7	Environment	£m (3dp)
-------------	--------------------	-----------------

Definition: The forecast investment expenditure related to the Ministerial objective: Environment. This should be reported for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Input field

11.8	Flooding and surface water management	£m (3dp)
-------------	--	-----------------

Definition: The forecast investment expenditure related to the Ministerial objective: Flooding and surface water management. This should be reported for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Input field

11.9	Security and Resilience	£m (3dp)
-------------	--------------------------------	-----------------

Definition: The forecast investment expenditure related to the Ministerial objective: Security and resilience. This should be reported for each

SR21 Information Request

Guidance and Definitions

year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Input field

11.10 Climate Change	£m (3dp)
-----------------------------	-----------------

Definition: The forecast investment expenditure related to the Ministerial objective: Climate Change. This should be reported for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Input field

11.11 Private Finance Initiative funded projects	£m (3dp)
---	-----------------

Definition: The forecast investment expenditure related to the Ministerial objective: Private Finance Initiative funded projects. This should be reported for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Input field

11.12 Total 'Tier 2' enhancement investment	£m (3dp)
--	-----------------

Definition: The total forecast enhancement investment for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

The sum of the 'Confirmed in Committed List' and 'Best estimate' for each year should be consistent with the enhancement investment reported in Table 10, line 10.13 for the same year.

Processing rules: Calculated Field: Sum of Lines 11.4 to 11.11

SR21 Information Request

Guidance and Definitions

SR21 Information Request

Guidance and Definitions

Block 4: Completion Investment (Growth and Enhancement)

11.13	Growth	£m (3dp)
--------------	---------------	-----------------

Definition: The forecast completion investment allocated to growth investment in each year of the 2021-27 regulatory control period in projected outturn prices (post-efficiency).

The sum of the 'Confirmed in Committed List' and 'Best estimate' for each year should be consistent with the completion investment allocated to growth investment reported in Table 10, line 10.25 for the same year.

Processing rules: Input field

11.14	Enhancement	£m (3dp)
--------------	--------------------	-----------------

Definition: The forecast completion investment allocated to enhancement investment in each year of the 2021-27 regulatory control period in projected outturn prices (post-efficiency).

The sum of the 'Confirmed in Committed List' and 'Best estimate' for each year should be consistent with the completion investment allocated to enhancement investment reported in Table 10, line 10.26 for the same year.

Processing rules: Input field

11.15	Completion investment: enhancement and growth	£m (3dp)
--------------	--	-----------------

Definition: The forecast total completion investment allocated to enhancement and growth investment in each year of the 2021-27 regulatory control period in projected outturn prices (post-efficiency).

Processing rules: Calculated Field: Sum of Table 11, Lines 11.13 and 11.14

Block 5: Expenditure Totals (Gross)

11.16	'Tier 2' Total Growth and Enhancement Investment (Projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The total growth, enhancement and completion (enhancement and growth) investment in the period in projected outturn prices (post efficiency).

Processing rules: Calculated Field: Table 11, Line 11.3 + Line 11.12 + Line 11.15.

11.17	'Tier 2' Total Growth and Enhancement Investment (2017/18 prices)	£m (3dp)
--------------	--	-----------------

Definition: The total growth, enhancement and completion (enhancement and growth) investment for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices.

Processing rules: Calculated Field: Table 11, Line 11.16 divided by Line 11.2

Block 6: Expenditure Totals (Net Of Grants And Contributions)

11.18	Total capital contributions (Projected outturn prices)	£m (3dp)
--------------	---	-----------------

Definition: The forecast total capital contributions related to enhancement and growth investment received in projected outturn prices. This should be reported as a negative number.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

11.19	'Tier 2' Total Growth and Enhancement Investment Net of Grants and Contributions (Projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The total growth, enhancement and completion investment net of grant and contributions for each year of the 2021-27 regulatory control period in projected outturn prices.

Processing rules: Calculated Field: Table 11, Line 11.16 + Line 11.18

11.20	'Tier 2' Total Growth and Enhancement Investment Net of Grants and Contributions (2017/18 prices)	£m (3dp)
--------------	--	-----------------

Definition: The total growth, enhancement and completion investment net of grants and contributions for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices.

Processing rules: Calculated Field: Table 11, Line 11.19 divided by Line 11.2

Table 12 – Repair, Refurbishment and Asset Replacement

Overview of table

This table covers the forecast expenditure on asset repair, refurbishment and asset replacement.

Guidance specific to this table

This table covers:

- asset repair which is defined as fixing an asset to ensure it can continue to operate (i.e. both responsive repair included in Tier 1a and that included in Tier 2);
- asset refurbishment which is defined as renovation/overhaul of older or damaged equipment or replacement of parts within a piece of equipment to bring the asset back to a workable condition to extend the expected life of the asset (i.e. both responsive refurbishment included in Tier 1a and that included in Tier 2); and
- asset replacement which is defined as replacement of an asset whether that be equipment, or whole process/site or section of infrastructure. Replacement occurs when an asset is at the end of serviceable life, or the asset has failed and cannot be repaired/refurbished or is not economic to do so (Tier 2).

Scottish Water should report the forecast expenditure related to:

- projects already confirmed in the Committed List; and
- its current best available estimate of the projects required for the remainder of the 2021-27 regulatory control period to meet exceed the Ministerial objectives for the water industry.

Line definitions

SR21 Information Request

Guidance and Definitions

Block 1: inflation assumptions

12.1	Capital price inflation	%
-------------	--------------------------------	----------

Definition: Scottish Water's observed and forecast capital price inflation for the financial year.

Input inflation assumptions in Table 14.

Processing rules: Brought Forward (Table 14, Line 14.5)

12.2	Capital price inflation factor	Nr
-------------	---------------------------------------	-----------

Definition: The capital price inflation index factor to convert expenditure reported in 2017/18 prices into projected outturn prices and vice versa.

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Table 12, Line 12.1

12.3	Cost inflation (RPI until 2021 and CPI from 2021/22; financial year average)	%
-------------	---	----------

Definition: The forecast Consumer Price Index (CPI) average inflation for the financial year.

Input the financial year average retail price index inflation until 2020/21 and then the financial year average CPI from 2021/22 onwards.

Input inflation assumptions in Table 14.

Processing rules: Brought Forward (Table 14, Line 14.3)

SR21 Information Request

Guidance and Definitions

12.4 Inflation index (2017/18 base year)	Nr
--	----

Definition: The CPI inflation index factor for converting monetary values from projected outturn prices into 2017/18 prices and vice versa.

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Table 12, Line 12.3

Block 2: Repair And Refurbishment Investment (Responsive And Planned)

12.5	Repair and refurbishment investment pre-efficiency (2017/18 prices)	£m (3dp)
-------------	--	-----------------

Definition: The forecast repair and refurbishment investment for each year of the 2021-27 regulatory control period in 2017/18 prices (pre-efficiency). This should cover that included in Tier 1a and Tier 2.

Scottish Water should report the forecast expenditure related to:

- expenditure already confirmed in the Committed List; and
- its current best available estimate of the expenditure required over the remainder of the 2021-27 regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

Processing rules: Input field

12.6	Repair and refurbishment investment pre-efficiency (projected outturn prices based on capital price inflation)	£m (3dp)
-------------	---	-----------------

Definition: The forecast repair and refurbishment investment for each year of the 2021-27 regulatory control period in projected outturn prices after adjusting for observed and forecast capital price inflation (pre-efficiency).

Processing rules: Calculated Field: Table 12, Line 12.5 x Line 12.2

12.7	Efficiency (projected outturn prices)	£m (3dp)
-------------	--	-----------------

SR21 Information Request

Guidance and Definitions

Definition: The forecast repair and refurbishment investment efficiency for each year of the 2021-27 regulatory control period in projected outturn prices. This should be input as a negative number.

Processing rules: Input field

12.8	Repair and refurbishment investment post-efficiency (projected outturn prices)	£m (3dp)
-------------	---	-----------------

Definition: The forecast repair and refurbishment investment for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Calculated Field: Table 12, Line 12.6 + Line 12.7

12.9	Repair and refurbishment investment post-efficiency (2017/18 prices; CPI based)	£m (3dp)
-------------	--	-----------------

Definition: The forecast repair and refurbishment investment for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices (post efficiency).

Processing rules: Calculated Field: Table 12, Line 12.8 divided by Line 12.4

Block 3: Asset Replacement ('Tier 2')

12.10	Asset replacement investment pre-efficiency (2017/18 prices)	£m (3dp)
--------------	---	-----------------

Definition: The forecast asset replacement investment for each year of the 2021-27 regulatory control period in 2017/18 prices (pre-efficiency).

Scottish Water should report the forecast expenditure related to:

- projects already confirmed in the Committed List; and
- its current best available estimate of the projects required over the remainder of the 2021-27 regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

Processing rules: Input field

12.11	Asset replacement investment pre-efficiency (projected outturn prices based on capital price inflation)	£m (3dp)
--------------	--	-----------------

Definition: The forecast asset replacement investment for each year of the 2021-27 regulatory control period in projected outturn prices after adjusting for observed and forecast capital price inflation (pre-efficiency).

Processing rules: Calculated Field: Table 12, Line 12.10 x Line 12.2

12.12	Efficiency (projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The forecast asset replacement investment efficiency for each year of the 2021-27 regulatory control period in projected outturn prices. This should be input as a negative number.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

12.13	Asset replacement investment post-efficiency (projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The forecast asset replacement investment for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Calculated Field: Table 12, Line 12.11 + Line 12.12

12.14	Asset replacement investment post-efficiency (2017/18 prices; CPI based)	£m (3dp)
--------------	---	-----------------

Definition: The forecast asset replacement investment for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices (post efficiency).

Processing rules: Calculated Field: Table 12, Line 12.13 divided by Line 12.4

Block 4: Completion Investment (Asset Replacement)

12.15	Completion investment (Asset Replacement only) pre-efficiency (2017/18 prices)	£m (3dp)
--------------	---	-----------------

Definition: The forecast completion investment allocated to asset replacement investment for each year of the 2021-27 regulatory control period in 2017/18 prices (pre-efficiency).

This should include completion investment related to asset replacement investment only. Completion investment related to enhancement and growth should be reported in Table 11.

This should include:

SR21 Information Request

Guidance and Definitions

- 'SR10 completion'; and
- 'SR15 completion including IR18 projects funded from SR15 closing cash balances';

Processing rules: Input field

12.16	Completion investment (Asset Replacement only) pre-efficiency (projected outturn prices based on capital price inflation)	£m (3dp)
--------------	--	-----------------

Definition: The forecast completion investment related to asset replacement investment for each year of the 2021-27 regulatory control period in projected outturn prices after adjusting for observed and forecast capital price inflation (pre-efficiency).

Processing rules: Calculated Field: Table 12, Line 12.15 x Line 12.2

12.17	Efficiency (projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The forecast completion investment efficiency for each year of the 2021-27 regulatory control period in projected outturn prices. This should be input as a negative number.

Processing rules: Input field

12.18	Completion investment (Asset Replacement only) post-efficiency (projected outturn prices)	£m (3dp)
--------------	--	-----------------

SR21 Information Request

Guidance and Definitions

Definition: The forecast completion investment related to asset replacement investment for each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

Processing rules: Calculated Field: Table 12, Line 12.16 + Line 12.17

12.19	Completion investment (Asset Replacement only) post-efficiency (2017/18 prices; CPI based)	£m (3dp)
--------------	---	-----------------

Definition: The forecast completion investment related to asset replacement investment for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices (post efficiency).

Processing rules: Calculated Field: Table 12, Line 12.18 divided by Line 12.4

Block 5: Expenditure Totals (Gross)

12.20	Total Repair, Refurbishment and Asset Replacement Investment (Projected outturn prices)	£m (3dp)
--------------	--	-----------------

Definition: The total repair, refurbishment and asset replacement investment in each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

This should be consistent with the repair, refurbishment and asset replacement investment reported in Table 2, Columns 50 to 56.

Processing rules: Calculated Field: Table 12, Line 12.8 + Line 12.13 + Line 12.18

SR21 Information Request

Guidance and Definitions

12.21	Total Repair, Refurbishment and Asset Replacement Investment (2017/18 prices)	£m (3dp)
--------------	--	-----------------

Definition: The total repair, refurbishment and asset replacement investment for each year of the 2021-27 regulatory control period in CPI based 2017/18 prices (post efficiency).

Processing rules: Calculated Field: Table 12, Line 12.20 divided by Line 12.4

Block 6: Expenditure Totals (Net Of Grants And Contributions)

12.22	Capital contributions (Projected outturn prices)	£m (3dp)
--------------	---	-----------------

Definition: The forecast capital contributions related to asset replacement, repair and refurbishment investment received in each year of the 2021-27 regulatory control period in projected outturn prices. This should be input as a negative number.

Processing rules: Input field

12.23	Total Repair, Refurbishment and Asset Replacement Investment Net of Capital Contributions (Projected outturn prices)	£m (3dp)
--------------	---	-----------------

Definition: The total repair, refurbishment and asset replacement investment net of grant and contributions in each year of the 2021-27 regulatory control period in projected outturn prices (post efficiency).

This should be consistent with the growth and enhancement investment (net of grants and capital contributions) reported in Table 2, Columns 78.

Processing rules: Calculated Field: Table 12, Line 12.20 + Line 12.22

12.24	Total Repair, Refurbishment and Asset Replacement Investment Net of Capital Contributions (2017/18 prices)	£m (3dp)
--------------	---	-----------------

Definition: The total repair, refurbishment and asset replacement investment net of grants and contributions in each year of the 2021-27 regulatory control period in CPI based 2017/18 prices (post efficiency).

Processing rules: Calculated Field: Table 12, Line 12.23 divided by Line 12.4

SR21 Information Request

Guidance and Definitions

Block 7: Memo Lines: Repair And Refurbishment Investment (Post-Efficiency; Projected Outturn Prices)

12.25	Responsive repair and refurbishment investment previously expensed as operating expenditure ('Tier 1')	£m (3dp)
--------------	---	-----------------

Definition: The responsive repair and refurbishment investment for each year of the 2021-27 regulatory control period included in Tier 1a which was previously expensed as operating expenditure in the 2015-21 regulatory control period. This should be expressed in projected outturn prices (post efficiency).

Processing rules: Input field

12.26	Remaining responsive repair and refurbishment investment ('Tier 1')	£m (3dp)
--------------	--	-----------------

Definition: The remaining responsive repair and refurbishment investment for each year of the 2021-27 regulatory control period included in Tier 1a responsive repair and refurbishment investment. This should be expressed in projected outturn prices (post efficiency).

Processing rules: Input field

12.27	Planned repair and refurbishment investment ('Tier 2')	£m (3dp)
--------------	---	-----------------

Definition: The planned repair and refurbishment investment from 'Tier 2' allowances for each year of the 2021-27 regulatory control period. This should be expressed in projected outturn prices (post efficiency).

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

12.28	Total repair and refurbishment investment	£m (3dp)
--------------	--	-----------------

Definition: The total repair and refurbishment (responsive and planned) investment for each year of the 2021-27 regulatory control period. This should be expressed in projected outturn prices (post efficiency). This should equal line 12.8.

Processing rules: Calculated Field: Table 12, sum of Lines 12.25, 12.26 and 12.27.

Table 13 – Repair, Refurbishment and Asset Replacement By Management Approach

Overview Of Table

This table compares:

- the original projected expenditure on asset repair, refurbishment and asset replacement from Scottish Water's management approaches for each year of the 2021-27 regulatory control period; and
- Scottish Water's latest forecast for asset repair, refurbishment and asset replacement for each year of the remainder of the 2021-27 regulatory control period.

Guidance specific to this table

This table covers:

- asset repair which is defined as fixing an asset to ensure it can continue to operate (i.e. both responsive repair included in Tier 1a and that included in Tier 2);
- asset refurbishment which is defined as renovation/overhaul of older or damaged equipment or replacement of parts within a piece of equipment to bring the asset back to a workable condition to extend the expected life of the asset (i.e. both responsive refurbishment included in Tier 1a and that included in Tier 2); and
- asset replacement which is defined as replacement of an asset whether that be equipment, or whole process/site or section of infrastructure. Replacement occurs when an asset is at the end of serviceable life, or the asset has failed and cannot be repaired/refurbished or is not economic to do so (Tier 2).

The corresponding outputs, needs or projects associated with each of these elements should be reported in Tables 3, 4, 5 and 6.

Scottish Water should report its original projected expenditure on asset repair, refurbishment and asset replacement investment expenditure as set out in its original management approaches and its latest forecast for these expenditures. This information should be reported based on aggregating the management approaches into a smaller

SR21 Information Request

Guidance and Definitions

number of groupings. The template allows for 14 groups (to be defined by Scottish Water); however, Scottish Water could add a small number of further groups if necessary.

In relation to its latest forecast, Scottish Water should report its forecast expenditure related to:

- its current best available estimate of required repair, refurbishment and asset replacement investment projects for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27; and
- its minimum expectation of repair, refurbishment and asset replacement investment projects that will still deliver the Ministerial objectives for the regulatory control period 2021-27 – the ‘Minimum’ should be consistent with the ‘Minimum’ columns reported in Tables 3, 5, 6 and 11. Note that this could be the same as the current best estimate in some cases.

For the purposes of this Table only, Scottish Water should report current projects already included on the Committed List in both its current best estimate and its minimum expectation of required investment.

The best estimates column for repair, refurbishment and inspections reported in lines 13.99 and 13.100 for each year should align with the repair and refurbishment investment reported in Table 12, line 12.8 for the same year.

The best estimate for Tier 2 asset replacement reported in line 13.101 for each year should align with the asset replacement investment reported in Table 12, line 12.13 for the same year.

Column Definitions

1	Management Approaches included within the Group	Text
----------	--	-------------

Definition: Report the Management Approach included within the group.

Processing rules: Input field

SR21 Information Request

Guidance and Definitions

2	Actual Year - 2020/21	£m (3dp)
----------	------------------------------	-----------------

Definition: Inflation assumptions and inflation index only.

Processing rules: Brought Forward/Calculated field

3, 5, 7, 9, 11, 13	Best estimate	£m (3dp)
---------------------------	----------------------	-----------------

Definition: For each year, Scottish Water should report the forecast expenditure related to:

- repair, refurbishment and asset replacement investment projects already included in the Committed List (included in the best estimate for this table only); and
- its current best estimate of required repair, refurbishment and asset replacement projects for the remainder of this regulatory control period to meet or exceed the Ministerial objectives for 2021-27.

This should be completed for each group management approaches in projected outturn prices for the relevant year. The expenditure should not be reported cumulatively.

Processing rules: Input field

4, 6, 8, 10, 12, 14	Minimum	£m (3dp)
----------------------------	----------------	-----------------

Definition: For each year, Scottish Water should report the forecast expenditure related to:

- repair, refurbishment and asset replacement investment projects already included in the Committed List (included in the best estimate for this table only); and

SR21 Information Request

Guidance and Definitions

- Scottish Water’s minimum expectation of required repair, refurbishment and asset replacement investment projects for the remainder of this regulatory control period that will still deliver the Ministerial objectives.

This should be completed for each group management approaches for the relevant year. The expenditure should not be reported cumulatively.

Processing rules: Input field

15	Best Estimate	£m (3dp)
-----------	----------------------	-----------------

Definition: The current best estimate of the initial forecasted expenditure from the original management approaches (i.e. lines 13.3 to 13.5 and the same lines in subsequent blocks).

The current best estimate of the repair, refurbishment and replacement expenditure over the remainder of the 2021-27 regulatory control period to meet or exceed the Ministerial objectives for 2021-27 (i.e. lines 13.6 to 13.8 and the same lines in subsequent blocks). This should include expenditure for projects already included on the Committed List.

Processing rules: Calculated Field: Sum of columns 3, 5, 7, 9, 11 and 13.

16	Minimum	£m (3dp)
-----------	----------------	-----------------

Definition: The minimum expectation in relation to the initial forecasted expenditure from the original management approaches (i.e. lines 13.3 to 13.5 and the same lines in subsequent blocks).

SR21 Information Request

Guidance and Definitions

Scottish Water's minimum expectation of required repair, refurbishment and replacement expenditure over the remainder of the 2021-27 regulatory control period that will still meet Ministerial objectives for 2021-27 (i.e. lines 13.6 to 13.8 and the same lines in subsequent blocks). This should include expenditure for projects already included on the Committed List.

Processing rules: Calculated Field: Sum of columns 4, 6, 8, 10, 12 and 14.

Line Definitions

Block 1: CPI inflation assumption

13.1	Cost inflation (RPI until 2021 and CPI from 2021/22; financial year average)	%
-------------	---	----------

Definition: The forecast Consumer Price Index (CPI) average inflation for the financial year.

Input the financial year average retail price index inflation until 2020/21 and then the financial year average CPI from 2021/22 onwards.

Input inflation assumptions in Table 14.

Processing rules: Brought Forward (Table 14, Line 14.3)

13.2	Inflation index (2017/18 base year)	Nr
-------------	--	-----------

Definition: The CPI inflation index factor for converting monetary values from projected outturn prices into 2017/18 prices and vice versa.

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Line 13.1

Block 2: Management approach group 1 (Projected outturn prices)

13.3 to 13.5	Projected expenditure from the original management approaches (repair, refurbishment, inspections and asset replacement)	Text; £m
---------------------	---	-----------------

Definition: Scottish Water should report its original projected expenditure on asset repair, refurbishment, inspections and asset replacement investment expenditure as set out in its original management approaches in projected outturn prices (post efficiency).

This format is then repeated for the other management approach groupings.

Processing rules: Input field.

13.6 to 13.8	Latest forecast expenditure for repair, refurbishment, inspections and asset replacement	Text; £m
---------------------	---	-----------------

Definition: Scottish Water should report its latest forecast expenditure on asset repair, refurbishment, inspections and asset replacement investment expenditure in projected outturn prices (post efficiency).

This format is then repeated for the other management approach groupings.

Processing rules: Input field.

Table 14 – Inflation Assumptions

Line Definitions

14.1	October CPI preceding year	%
-------------	-----------------------------------	----------

Definition: The forecast Consumer Price Index (CPI) inflation rate from October in the preceding financial year.

Scottish Water should explain the source of its assumptions in the accompanying commentary document.

Processing rules: Input field

14.2	Inflation index (2018/19 base year)	Nr
-------------	--	-----------

Definition: The inflation index factor for converting revenue in projected outturn prices into 2018/19 prices for comparison to the revenue allowances in the Final Determination for the regulatory control period 2021-27.

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Table 14, Line 14.1

14.3	Cost inflation (RPI until 2021 and CPI from 2021/22; financial year average)	%
-------------	---	----------

Definition: The forecast Consumer Price Index average inflation for the financial year.

SR21 Information Request

Guidance and Definitions

Input the financial year average retail price index inflation until 2020/21 and then the financial year average CPI from 2021/22 onwards.

Scottish Water should explain the source of its assumptions in the accompanying commentary document.

Processing rules: Input field

14.4	Inflation index (2017/18 base year)	Nr
-------------	--	-----------

Definition: The CPI inflation index factor to convert expenditure reported in 2017/18 prices into projected outturn prices and vice versa.

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Table 14, Line 14.3

14.5	Capital price inflation	%
-------------	--------------------------------	----------

Definition: Scottish Water's observed and forecast capital price inflation for the financial year.

Scottish Water should explain the source of its assumptions in the accompanying commentary document.

Processing rules: Input field

14.6	Capital price inflation factor	Nr
-------------	---------------------------------------	-----------

Definition: The capital price inflation index factor to convert expenditure reported in 2017/18 prices into projected outturn prices and vice versa

Processing rules: Calculated Field: Calculates the inflation index using the inflation percentage in Table 14, Line 14.5