

# **Report on the progress of Interventions to Meet the Needs on the Development List – Quarter 4 2021-22**

September 2022

## Investment Planning and Prioritisation Group (IPPG)

### **Progress of Interventions to Meet the Needs on the Development List – Quarter 4 2021-22**

This report sets out how Scottish Water is progressing in developing interventions to address the needs on the 'Development List' up to the end of March 2022 (Quarter 4 2021-22). It has been prepared for the Investment Planning and Prioritisation (IPPG), set up by Ministers to provide reassurance and report on the delivery of their Objectives.

#### **What Is Monitored**

The Development List contains named Needs and Needs associated with repair, refurbish and replacement activities.

Where interventions are forecast to exceed £3m or are novel or contentious, a Level 1 or 2 project investment appraisal is developed to assess the options to deliver the need.

Each quarter Scottish Water reports to IPPG on its progress in developing interventions to address the needs on the Development List. This report includes:

**Section 1** – Summary of current investment: providing an overview of the current investment forecast over the 6-year investment period.

**Section 2** - Indicator of overall Progress towards the Committed List (PCL): to provide reassurance to stakeholders on the overall volume of intervention development relative to what is required to meet expected investment levels in future years.

**Section 3** - Progress in the development of interventions with Level 1 and 2 appraisals: to provide reassurance to stakeholders on progress of developing interventions subject to a Level 1 and Level 2 appraisal [and other projects and programmes of interest to stakeholders] and a view of current expectations of when they will reach future appraisal stages.

## **Section 1 – Summary of Current Investment Maturity**

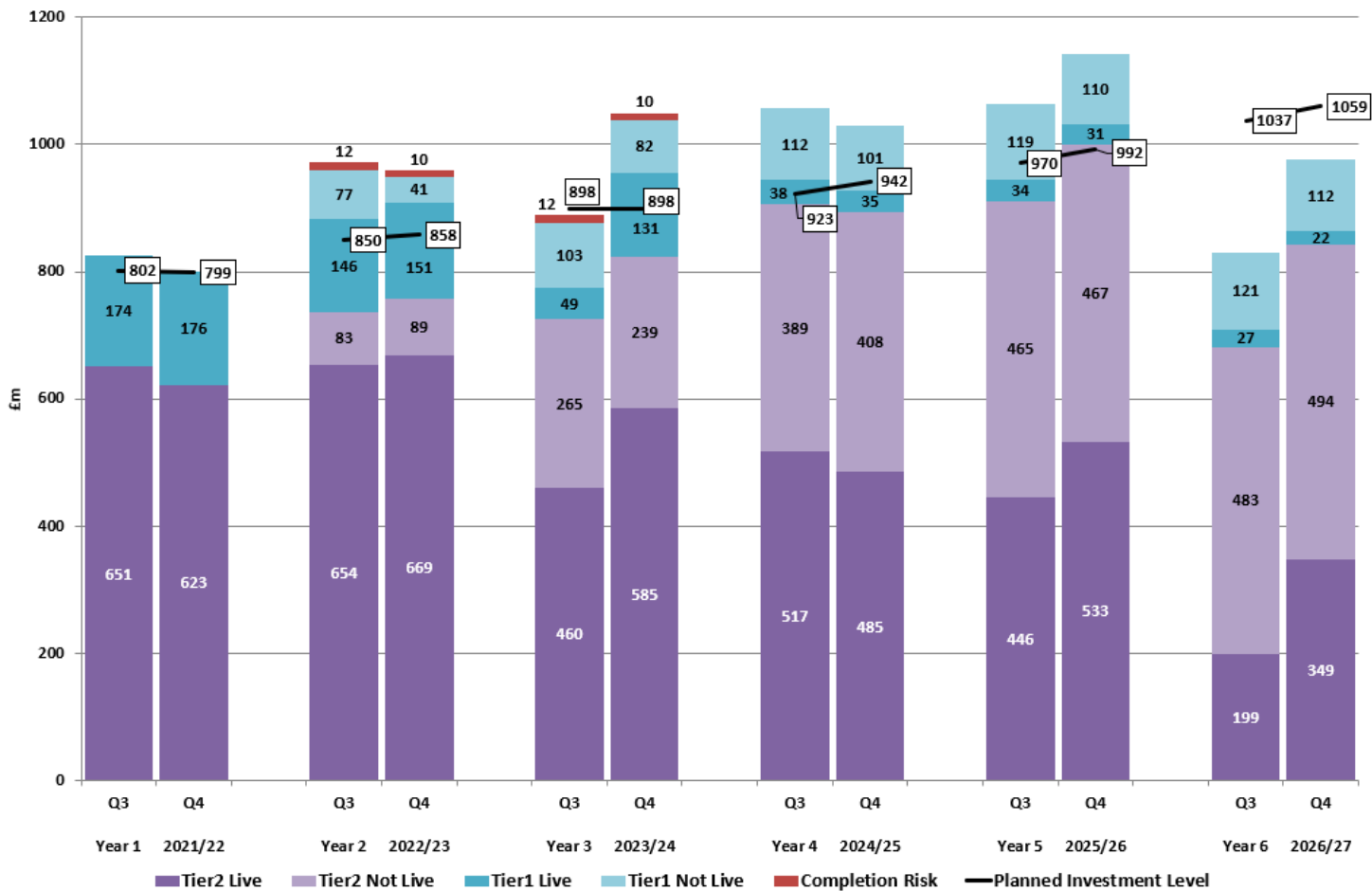
The current outturn forecast of investment over the 6-year investment period is provided below (in Figure 1). This shows the maturity of investment across the period and how it has developed since the previous quarter (Q3 versus Q4). Live Investment is categorised by Plan (Gate 30-60), Prepare (Gate 70/80), Deliver (Gate 80 -120) and Non-live Investment, (Pre Gate 30). The “Deliver” category includes both projects which have been committed for delivery (post Gate 90) and those at detailed design stage but not yet committed.

A tabular view of the data represented in the figures is available in Appendix 1, this also contains the Indexation (RPI 2020 and 2021, CPI from 2022 onwards) assumption assumed within the Delivery Plan.

Investment for Quarter 3 and Quarter 4 for each year of the investment period categorised by Tier 1a and Tier 2 investment is shown in Figure 1. This includes an allowance for risk associated with the potential additional cost increase of the SR15 Completion programme during the initial years of the investment period.

At the end of Quarter 4 2021-22 Scottish Water’s total investment for the year was £799million within the Delivery plan range of £790m - £830m. Tier 2 Investment in the year was £623m, within the delivery plan range of £570m - £650m.

As we enter Year 2 (2022-23) we have £820m of total investment which includes £669m of Tier 2 investment passed Gate 30. £566m of the Tier 2 investment is beyond Gate 70 and is already with our deliver teams. This level of investment provides confidence that the Year 2 investment levels, as set out in our 2021-22 Delivery Plan of £610m to £680m, will be achieved and we are now increasing the maturity of investment in Year 3 (2023-24).

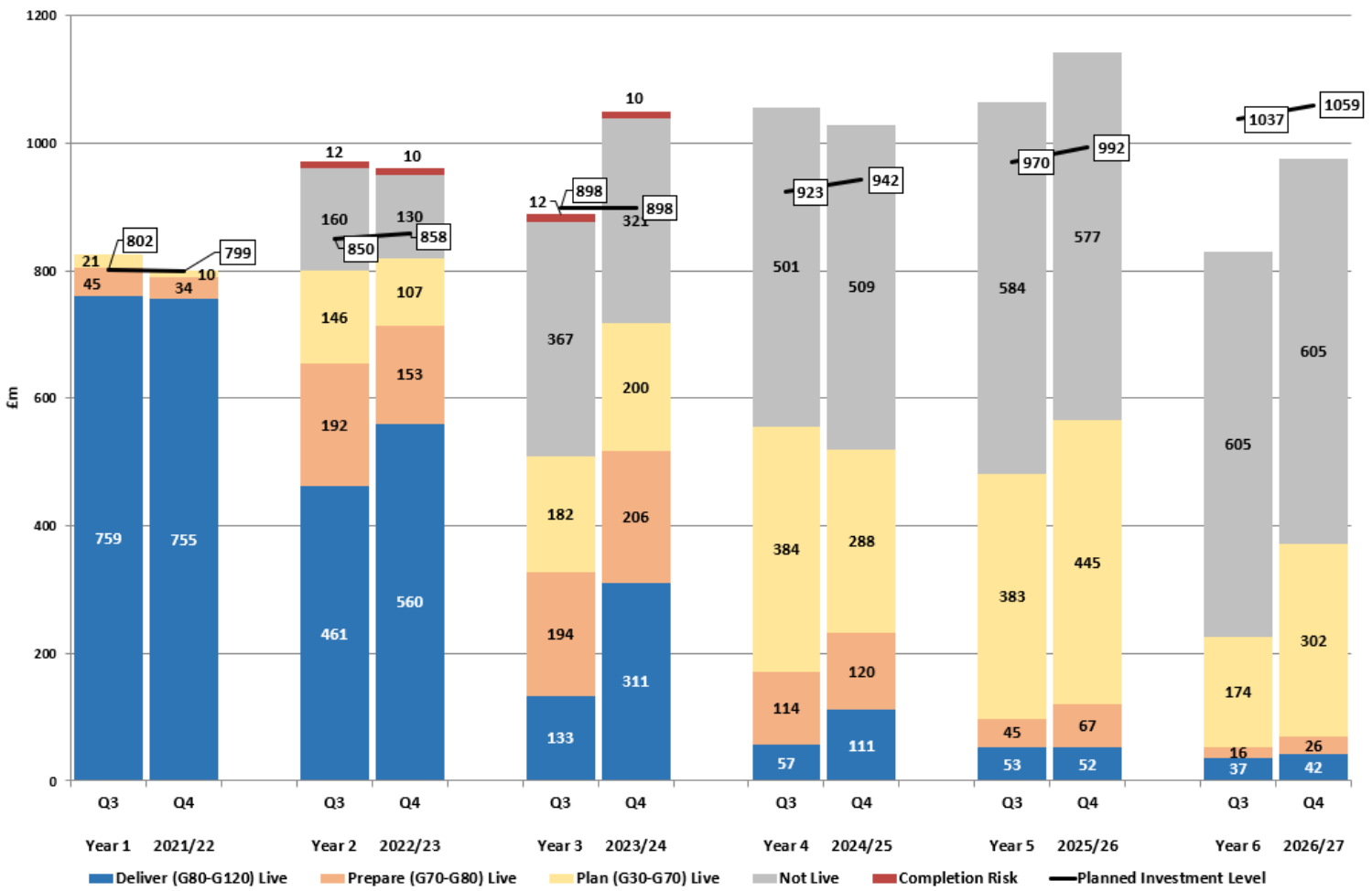


**Figure 1:** Comparison of the forecast investment profiles at the end of Quarter 3 and Quarter 4 for the 6-year period categorised by Tier 1 and 2.<sup>1</sup>

Investment for Quarter 3 and Quarter 4 for each year of the investment period categorised by Plan (Gate 30-60), Prepare (Gate 70/80), Deliver (Gate 80 onwards) and Non-live Investment is shown below (Figure 2). The “Deliver” category includes projects which have been committed for delivery (post Gate 90) and those at detailed design stage but not yet committed.

The data shows how the investment has matured over the past Quarter. As expected there is more Live investment in the early years and the comparison between the quarters show that the movement that has happened in the Quarter. For example in Quarter 4 we have seen the Year 3 investment in Prepare and Deliver increase from £327m to £517m and a further £200m in Plan. For later years the majority of investment is Non-Live and we expect this to mature as inspections and investigations trigger the development of investment.

<sup>1</sup> The combination of the Live and Non-Live Investment can exceed the Planned Investment Level as interventions can be initiated but will not necessarily be committed



**Figure 2:** 6 Year Investment Profile – maturity of investment at the end of Quarter 3 (previous) and at the end of Quarter 4 (current).<sup>2</sup>

## Section 2 - Indicator of overall progress towards the Committed List

The indicator of overall Progress towards the Committed List (PCL) is a high-level measure of the overall volume of intervention development relative to what is required for expected investment levels in future years. This measure assesses whether we are promoting sufficient volumes through the stages in each of its development pathways.

PCL was created using a top-down approach by splitting the investment profile between each development pathway. PCL tracks the impact of project forecasts on future investment levels.

PCL was set at 100% to achieve the required investment profile in future years. A score of less than 100% indicates that the rate of overall progress in developing interventions may not be sufficient. A score of more than 100% indicates that the rate of overall progress is more than sufficient to achieve planned investment.

<sup>2</sup> The combination of the Live and Non-Live Investment can exceed the Planned Investment Level as interventions can be initiated but will not necessarily be committed.

Changes may occur due to ‘positive’ or ‘negative’ attrition. ‘Positive attrition’ occurs if forecast costs for an intervention have reduced or if the required delivery timescales have been extended. ‘Negative attrition’ occurs if forecasts costs have increased, or additional evidence is required which extends the project appraisal process.

At the end of 2021-22, PCL out turned at 117% indicating that we are developing sufficient volumes of investment across the programme to achieve planned investment in future years.

Some interventions are taking longer to progress through the appraisal process than was originally forecast (Section 3 provides an overview) and continue to be monitored closely. The development and commitment of other interventions that meet the MAs, that would have been held prior to commitment, have been progressed to maintain delivery efficiency.

### **Section 3 - Progress of the development of interventions with Level 1 and 2 appraisals**

This section provides an overview of the progress of interventions that are subject to Level 1 and 2 appraisals<sup>3</sup>, together with a view of when these are expected to reach future appraisal stages. The full list of interventions with Level 1 and 2 appraisals, with an indication of the anticipated timing, is shown in Appendix 2.

Highlights from project investment appraisals completed within the quarter are included in Table 1.

<b>Loch Katrine land management project</b>		<p>Scottish Water’s Loch Katrine Estate in the Loch Lomond and Trossachs National Park comprises 9,500 Hectares and is leased to Forestry and Land Scotland (FLS) on a 150-year tenancy. FLS in partnership with Scottish Water, is developing a Land Management Plan that has now gone out to public consultation. The project will increase woodland on the estate for both carbon capture and biodiversity and will make a significant to Scottish Waters net zero commitment.</p> <p>The project also has the potential to demonstrate the benefits of the partnership approach taken with FLS to improve carbon and biodiversity, as well as engagement with the local community.</p> <p>The Stage 3a PIA has been shared and stakeholder engagement session undertaken in May 2022.</p>
Stage 3a (G50)	March 2022	

<sup>3</sup> Level 1 appraisals are carried out for needs that require the early identification of placemaking and external partnership involvement. These are likely to be complex and time intensive. Level 2 appraisals are carried out for needs that are likely to require substantive system, programme and project investments and will be subject to a robust economic appraisal.

<b>Newfield Trunk main project</b>		<p>This project addresses the highest-ranking Recurring Customer Interruptions (RCI) Need across Scotland, with 66 recorded trunk main bursts over the past 10 years, and non-compliance with the RCI MA. A project to resolve the risk of repeated interruptions to supply for 277 properties within the Newfield Water Supply Zone and address resilience and growth in the area has been developed.</p> <p>The Stage 3a PIA has been shared and stakeholder engagement session undertaken in May 2022.</p>
Stage 3a (G50)	March 2022	
<b>Daer WTW</b>		<p>In the period from August 2021 to October 2021, the Daer supply zone experienced a serious water quality incident when high levels of manganese in the water leaving Daer WTW caused numerous discolouration exceedances and thousands of customer complaints. As a result, we have provided DWQR with a Letter of Commitment for the WTWs.</p> <p>Daer was originally confirmed for investment through IPPF with the needs agreed with the DWQR being: microbiology, disinfection by-product (DBP) compliance, lead, operational technology, and the subsequent addition of discolouration.</p> <p>The PIA will be shared with stakeholders at Stage 3a (preferred option).</p>
Stage 2 (G40)	March 2022	

Table 1 – Project Investment Appraisal Highlights

An overview of the appraisals at Stage 2/3a/b/4 that were forecast to be completed during quarter 4 2021-22 and the actual appraisals delivered is shown (Table 2) below. This also includes additions to the forecast post-December 2021.

Appraisal Stage	Portfolio					
	Water		Wastewater		Customer Engagement and Flourishing Scotland	
	Dec-21 forecast	Mar-22 actual	Dec-21 forecast	Mar-22 actual	Dec-21 forecast	Mar-22 actual
Stage 2: Strategic Optioneering Review (G40)	1	<b>0</b>	16	<b>15</b>	0	0
Stage 3a: Outline Investment Appraisal (G50)	10	<b>3</b>	10	<b>3</b>	1	1
Stage 3b: Outline Project Appraisal (G70)	6	<b>1</b>	5	<b>1</b>	1	1
Stage 4: Project Appraisal for Commitment (G80/90)	2	<b>0</b>	0	<b>0</b>	0	0

Table 2: Appraisal at Stage 3a/b and 4 anticipated for quarter 4 compared to actuals

Points to note are:

- 42 project investment appraisals were included in the Quarter 3 forecast to achieve Stage 2, 3a, b or 4 within the quarter (Quarter 4):
- There were 10 additions to the forecast (accelerations and re-prioritisation)
- 2 projects were closed down/removed from Level 1/2 PIA requirements due to lower complexity requirements.

Of the 50 remaining total projects:

- 23 PIA were completed within Quarter 4
- 2 projects were waived from a Level 2 to Level 3.

Three themes emerge from reviewing why the remaining 25 projects did not meet their forecasts, these are:

- Re-prioritisation and reviewing needs within the Water Programme (9). Several projects have been reforecast (in agreement with DWQR) for later delivery as several projects were accelerated as these projects have a greater priority than the others originally programmed.
- Technical information availability (7). Appropriate time needs to be built in to make sure the technical evidence base and assurance is robust enough to progress to the next appraisal stage, and sufficient resource is available for the capacity of projects.
- Scope and costing (within Stage 3a and 3b) (7) Appropriate time to be built in to allow for initial costing, and changes of scope to be reflected in later Appraisal stages.
- Miscellaneous/singular reasons (2)

The forecast for 2022-23 is shown below (Table 3) and the details are provided in Appendix 2.



	Q1 22/23	Q2 22/23	Q3 22/23	Q4 22/23
Stage 2: Strategic Options Review (G40)	11	4	6	1
Stage 3a: Outline investment Appraisal	8	12	10	13
Stage 3b: Outline project Appraisal (G70)	9	8	11	12
Stage 4: Project Appraisal for Commitment	5	5	7	3

Table 3: Forecast of project appraisals at each gateway to be delivered during the following four quarters

## Section 4 – Summary

The IPPG is asked to:

- Note the developing maturity of the investment forecast.
- Note that the 2021-22 Progress to Committed List (PCL) was 117%, indicating that the rate of overall progress is more than sufficient to achieve planned investment levels.
- Note the progress and learning on project investment appraisals.

Appendix 1 Tabular information for Figures 1 and 2 in the summary section and indexation profile

**6 Year Investment Profile – by tier comparing investment forecast at the end of Quarter 3 and at the end of Quarter 4 investment as shown by Figure 1.**

6 Year Investment £m	2021-22			2022-23			2023-24			2024-25			2025-26			2026-27		
	Q3	Q4	Variance	Q3	Q4	Variance	Q3	Q4	Variance	Q3	Q4	Variance	Q3	Q4	Variance	Q3	Q4	Variance
Tier1 Live	174.0	176.5	2.4	145.6	150.9	5.3	49.1	131.3	82.2	38.2	35.3	-2.9	34.4	31.5	-2.9	27.0	21.9	-5.1
Tier1 Not Live	0.0	0.0	0.0	77.4	41.0	-36.4	102.7	82.3	-20.3	112.0	101.0	-11.0	119.0	109.7	-9.3	121.4	111.6	-9.7
Tier2 Live	650.6	622.5	-28.0	653.8	668.9	15.1	460.5	585.4	124.9	517.0	484.7	-32.3	446.0	533.2	87.2	198.9	348.6	149.8
Tier2 Not Live	0.0	0.0	0.0	83.0	88.9	5.9	264.7	238.8	-25.9	388.9	408.0	19.1	464.6	467.3	2.8	483.2	493.5	10.3
Completion Risk	0.0	0.0	0.0	11.5	10.4	-1.1	11.5	10.4	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>824.6</b>	<b>799.0</b>	<b>-25.6</b>	<b>971.3</b>	<b>960.1</b>	<b>-11.2</b>	<b>888.5</b>	<b>1,048.3</b>	<b>159.8</b>	<b>1,056.1</b>	<b>1,029.0</b>	<b>-27.1</b>	<b>1,064.0</b>	<b>1,141.8</b>	<b>77.8</b>	<b>830.3</b>	<b>975.6</b>	<b>145.3</b>
Planned Investment Level	802.0	799.0	-3.0	850.0	858.0	8.0	898.0	898.0	0.0	923.0	942.2	19.2	970.0	992.3	22.3	1,037.0	1,059.3	22.3

**6 Year Investment Profile – PPD stage comparing investment forecast at the end of Quarter 3 and at the end of Quarter 4 investment as shown by Figure 2.**

6 Year Investment £m	2021-22			2022-23			2023-24			2024-25			2025-26			2026-27		
	Q3	Q4	Variance	Q3	Q4	Variance	Q3	Q4	Variance	Q3	Q4	Variance	Q3	Q4	Variance	Q3	Q4	Variance
Deliver (G80-120) Live	758.9	755.2	-3.7	461.5	560.3	98.9	133.3	310.6	177.3	57.1	111.3	54.2	52.5	52.0	-0.5	36.5	42.5	6.0
Prepare (G70-80) Live	45.1	33.9	-11.2	192.0	152.8	-39.2	193.9	205.9	12.0	113.7	120.4	6.7	45.2	67.4	22.2	15.6	26.2	10.7
Plan (G30-G70) Live	20.6	9.8	-10.7	145.9	106.7	-39.3	182.5	200.3	17.9	384.3	288.3	-96.1	382.7	445.3	62.5	173.8	301.8	128.0
Not Live	0.0	0.0	0.0	160.4	129.9	-30.5	367.3	321.1	-46.2	500.9	509.0	8.2	583.6	577.1	-6.5	604.5	605.1	0.6
Completion Risk	0.0	0.0	0.0	11.5	10.4	-1.1	11.5	10.4	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>824.6</b>	<b>799.0</b>	<b>-25.6</b>	<b>971.3</b>	<b>960.1</b>	<b>-11.2</b>	<b>888.5</b>	<b>1,048.3</b>	<b>159.8</b>	<b>1,056.1</b>	<b>1,029.0</b>	<b>-27.1</b>	<b>1,064.0</b>	<b>1,141.8</b>	<b>77.8</b>	<b>830.3</b>	<b>975.6</b>	<b>145.3</b>
Planned Investment Level	802.0	799.0	-3.0	850.0	858.0	8.0	898.0	898.0	0.0	923.0	942.2	19.2	970.0	992.3	22.3	1,037.0	1,059.3	22.3

**Current Indexation (RPI 2020 and 2021, CPI from 2022 onwards) assumption assumed within the Delivery Plan**

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Financial Year Average	290.7	294.2	306.5	321.8	328.3	334.9	341.5	348.4	355.3
% increase	2.59%	1.21%	4.20%	5.00%	2.00%	2.00%	2.00%	2.00%	2.00%
<i>2021/22 Inflator/Deflator</i>	<i>0.963</i>	<i>0.988</i>	<i>1.000</i>	<i>1.042</i>	<i>1.094</i>	<i>1.116</i>	<i>1.138</i>	<i>1.161</i>	<i>1.184</i>

Appendix 2 – Full List of Level 1 and 2 appraisals (information based on Gateway dates)

Project ID	Description	L1 Portfolio	Management Approach	Date added to Development List	Level of Appraisal	Stage 2: Strategic Options Review (G40) Position Aug-21	Stage 2: Strategic Options Review (G40)	Outline Investment Appraisal (G50) view Aug-21	Outline Investment Appraisal (G50)	Outline Project Appraisal view Aug-21	Outline Project Appraisal (G70)	Outline Project Appraisal view Aug-21	Outline Project Appraisal (G80/90)
5052940000	Aberlour WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jan-22	Jan-22	Dec-22	Jan-23	May-23	Jun-23	Mar-25	Apr-25
5033190000	Allanfean WwTW - PFI	Wastewater	Needs not to be covered by an MA	Q2 19/20	1	Apr-22	Apr-22	Mar-23	Mar-23	Aug-23	Aug-23	Jul-25	Jul-25
5030630000	Assynt Trunk Main (Maryburgh)	Water	Strategic Infrastructure (Water)	Q2 19/20	2	Aug-20	Aug-20	Feb-21	Feb-21	Oct-21	Apr-22	Aug-23	Aug-23
5033200000	Balbeggie WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Mar-22	Mar-22	Feb-23	Mar-23	Jul-23	Jul-23	May-25	May-25
5032700000	Ballater WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Nov-21	Nov-21	Oct-22	Oct-22	Mar-23	Mar-23	Jan-25	Jan-25
5028700000	Ballygrant WTW (growth)	Water	Water Resilience and Growth	Q2 21/22	2	Jun-20	Jun-20	Sep-21	Dec-21	Sep-22	Jul-22	Feb-25	Feb-25
5028130000	Balmedie WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	N/A	N/A	Mar-21	Mar-21	Nov-21	Mar-22	Mar-23	Dec-22
5027660000	Bertha Park Perth - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	1	Jun-20	Jun-20	Jan-21	Jan-21	Sep-21	Sep-21	Aug-22	Aug-22
5035390000	Bertha Park Perth - Growth - water	Water	Water Resilience and Growth	Q2 21/22	2	Sep-21	Oct-21	Sep-21	Dec-21	Sep-21	Mar-22	Aug-22	Aug-22
5023580000	Black Esk SR	Water	Enable Economic Growth Infrastructure Funding	Q2 19/20	2	NA	Mature	NA	Mature	Oct-21	Mar-22	Oct-22	Oct-22
5045490000	Black Esk WTW	Water	Water Treatment Capability improvement	Q2 19/20	2	May-20	May-20	Jun-21	Jun-21	Mar-22	Apr-22	May-25	May-25
5031130000	Blairlinnans	Water	Water Resilience and Growth	IR18	2	Nov-19	Feb-21	Aug-21	Nov-21	Nov-21	Mar-22	Nov-23	Sep-23
5034080000	Blairlinnans PSC TM Monitoring	Water	Strategic Infrastructure (Water)	Q2 19/20	2								
5054090000	Bradán WTW Future Plan	Water	Water Treatment Capability Improvement	Q2 19/20	2	Jun-20	Jun-20	Feb-22	May-22	Aug-22	Oct-22	Jan-26	Jan-26
5023330000	Brechin WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	N/A	Dec-21	Feb-22	Apr-22	Sep-22	Nov-22	Sep-24	Nov-24
5027750000	Bridge of Orchy - First Time Provision	Water	Water Resilience and Growth	IR18	2				Jan-20		Feb-20		Jun-22
5055790000	Camphill WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2	N/A	Dec-22	Aug-22	Apr-23	Feb-23	Sep-23	May-25	Apr-30
5101390000	Carradale WTW	Water	Water Treatment Capability Improvement	Q2 20/21	2	N/A	N/A	Mar-22	Jul-22	02/11/2022	01/11/2023	Jul-24	Jul-24
5043910000	Carron Valley WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2	May-20	May-20	Apr-21	Apr-21	Nov-21	Nov-21	Feb-25	Feb-25
5065780000	Castle Moffat WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2	Jun-20	Jun-20	Oct-21	Mar-22	May-22	Sep-22	Jul-24	Jul-24

Project ID	Description	L1 Portfolio	Management Approach	Date added to Development List	Level of Appraisal	Stage 2: Strategic Options Review (G40) Position Aug-21	Stage 2: Strategic Options Review (G40)	Outline Investment Appraisal (G50) view Aug-21	Outline Investment Appraisal (G50)	Outline Project Appraisal view Aug-21	Outline Project Appraisal (G70)	Outline Project Appraisal view Aug-21	Outline Project Appraisal (G80/90)
5031330000	Cochno SR	Water	Treated Water Storage	Q2 19/20	2								
5065170000	Cockmuir DSR	Water	Treated Water Storage	Q2 19/20	2								
5068350000	Colonsay WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2				Dec-23		Apr-24		Oct-26
5145990000	Crathie WTW	Water	Water Treatment Capability Improvement	Q2 20/21	2				May-22		Dec-22		Jul-24
5158490000	Daer WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2				Jun-22				
5033060000	Dalderse WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Feb-22	Feb-22	Jan-23	Jan-23	Jun-23	Jun-23	Apr-25	Apr-25
5026630000	Daldowie UID Uddingston cluster 11	Wastewater	Unsatisfactory Intermittent Discharges	IR18	2	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC
5002500000	Doune to Callander Trunk Main Rehabilitation	Water	Strategic Infrastructure (Water)	Q2 19/20	2				Apr-15		Apr-15		Nov-22
5023310000	Dunbar WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jun-20	Jun-20	Dec-21	Jan-22	May-22	Jul-22	May-24	Jun-24
5032130000	Dunfermline Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Mar-22	May-22	Mar-22	May-22	Sep-22	Nov-22	Jul-24	Sep-24
5036800000	Dunside Reservoir	Water	Reservoir Safety	Q2 19/20	2								
4029480000	Easdale Isle of Seil - provision of appropriate Ww Treatment	Wastewater	Wastewater Treatment Works Improvements	Q2 19/20	2	Jun-21	Jun-21	Jun-21	Jun-21				
5027620000	East Stirling Villages (and Cowie)	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	1	Jun-20	Jun-20	Feb-22	Mar-22	Mar-22	Aug-22	Nov-24	Apr-25
5037090000	Edinburgh Wastewater Strategic Review	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	1	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC
5072540000	Eela Water WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2	Aug-20	Aug-20	Jan-22	Nov-21	Sep-22	Sep-22	Jul-24	Jul-24
5036250000	EFOS - Barron Terrace and Waggon Road Leven Fife	Wastewater	Manage Sewer Flood Risk	Q2 19/20	2	Aug-20	Aug-20	Dec-20	Mar-22	Feb-21	May-22	TBC	Jun-22
5035520000	EFOS - Colston Rd_Meadowside Gdns	Wastewater	Manage Sewer Flood Risk	Q2 19/20	2				May-22		Jul-22		Jun-22
5033380000	EFOS - Prestwick Strategic Study	Wastewater	Manage Sewer Flood Risk	Q2 19/20	1	Mar-21	Mar-21	Jun-21	Mar-22	Jul-21	May-22	TBC	TBC
5029160000	EFOS - Riverside Road Galston	Wastewater	Manage Sewer Flood Risk	Q2 19/20	2	May-20	May-20	Apr-21	Apr-22	Sep-21	Jun-22	TBC	Sep-22

Project ID	Description	L1 Portfolio	Management Approach	Date added to Development List	Level of Appraisal	Stage 2: Strategic Options Review (G40) Position Aug-21	Stage 2: Strategic Options Review (G40)	Outline Investment Appraisal (G50) view Aug-21	Outline Investment Appraisal (G50)	Outline Project Appraisal view Aug-21	Outline Project Appraisal (G70)	Outline Project Appraisal view Aug-21	Outline Project Appraisal (G80/90)
5029220000	EFOS - Waverley Drive Airdrie	Wastewater	Manage Sewer Flood Risk	Q2 19/20	2	NA	NA	NA	NA	NA	NA	NA	Jun-22
5032140000	Elie ST - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Apr-22	Aug-22	Mar-23	Jul-23	Aug-23	Dec-23	Sep-25	Jan-26
5050210000	Ellon Corridor Growth	Water	Enable Economic Growth Infrastructure Funding	Q2 19/20	2								
5084950000	Enterprise Asset Management Systems Programme	Transformation	Transformation	Q2 20/21	2	Jul-21	Jul-21					Aug-22	Aug-22
5032710000	Erskine WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jun-20	Jun-20	Jul-22	Jul-22	Dec-22	Dec-22	Dec-24	Dec-24
5037070000	Falkirk Strategic Network Infrastructure Assessment	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	1	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC
5032250000	Ferniegair WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jul-20	Jul-20	Feb-22	Mar-22	Aug-22	Sep-22	Aug-24	Sep-24
5039070000	Finlas WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2	Mar-18	Mar-18	Jan-22	Feb-22	Oct-22	Oct-22	Jun-24	Jun-24
5032160000	Fochabers WwTW Growth	Wastewater	Enabling Development - Wastewater Portfolio		2						Feb-22		TBC
5088490000	Galashiels WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jun-22	Oct-22	May-23	Sep-23	Sep-23	Feb-24	Aug-25	Dec-25
5031140000	Glencorse Resilience	Water	Water Resilience and Growth	IR18	2	Oct-21	Jan-22	Mar-22	Jul-22	Dec-22	Dec-22	Dec-23	Jul-23
5118320000	Glendevon WTW	Water	Water Treatment Capability Improvement	Q1 20/21	2	N/A	May-22	Jul-22	Aug-22	Jan-23	Feb-23	Aug-24	Oct-24
5036720000	Glenfarg WTW upgrade	Water	Water Treatment Capability Improvement	Q2 19/20	1	Dec-19	Dec-19	Dec-19	Dec-19	Nov-21	Nov-21	Jul-24	Jul-24
5031150000	Glenlatterach	Water	Water Resilience and Growth	IR18	2	Mar-22	Apr-23	Sep-22	Nov-23	Nov-23	May-24	Jun-24	Mar-24
5031340000	Gorbals High SR	Water	Treated Water Storage	Q2 19/20	2								
5028250000	Gorebridge WwTW Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Mar-22	Jun-22	Feb-23	May-23	Jul-23	Oct-23	Dec-24	Mar-25
5032830000	Guardbridge STW - Growth	wastewater	Enabling Development - Wastewater Portfolio				Feb-22		Jan-23		Mar-23		Apr-25
5036280000	Herricks WTW upgrade	Water	Water Treatment Capability Improvement	Q2 19/20	2	Dec-19	Dec-19	Dec-19	Dec-19	Sep-20	Sep-20	Oct-22	Oct-22
5032920000	Highland PFI return	Wastewater	Needs not to be covered by an MA	Q2 19/20	2	N/A	N/A	Mar-21	Mar-21	Jan-22	May-22	Jan-22	May-22

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5000460000	Improvement to Supply-Demand Balance - Stornoway WRZ	Water	Water Resilience and Growth	SR15 enhancement	2				Sep-18		Sep-18		Sep-22
5091580000	Invercarnie Mannofield to Turriff Resilience	Water	Water Resilience and Growth	Q2 19/20	2	Jul-21	Nov-21	Oct-21	Aug-22	Aug-22	Feb-23	Dec-24	Jun-24
5029050000	IR 18 Kirk Yetholm STW Quality Enhancement	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Mar-21	Mar-21	Oct-21	Oct-21	Apr-22	Apr-22	Apr-22	TBC
5034910000	IR18 Allowance Upperton (Longriggend) WWTW (recycled)	Wastewater	Wastewater Treatment Works Improvements	IR18	2	NA	NA		NA		Nov-17	NA	Aug-23
5032150000	Iron Mill Bay	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Mar-22	May-22	Feb-23	Nov-23	Jul-23	Jan-24	Aug-25	Sep-24
5062790000	Juniper House Refurbishment	CE&FS	Needs not to be covered by an MA	Q3 19/20	2	Apr-21	Apr-21	Apr-21	Apr-21	TBC	Mar-22	TBC	TBC
5032170000	Keith WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jul-22	Jul-22	Jul-23	Jul-23	Aug-23	Aug-23	Aug-25	Aug-25
5017310000	Kerse SR	Water	Treated Water Storage	IR18	2								
5023050000	Kettleton CWT	Water	Treated Water Storage	Q2 19/20	2								
5109410000	Kinneil Kerse AAD Plant	Wastewater	Needs not to be covered by an MA	Q2 19/20	1	Jun-22	Jun-22	Nov-22	Nov-22	Jan-23	Jan-23	Aug-25	Aug-25
5029020000	Kinning Park WWPS-Capital Maintenance (SR15)	Wastewater	Wastewater Pumping Stations	Q2 19/20	1	Oct-21	Jan-22	Sep-22	Dec-22	Feb-23	May-23	Feb-25	May-25
5037590000	Liberton Trunk Mains	Water	Strategic Infrastructure (Water)	Q2 19/20	2	Nov-21	Apr-22	Jan-22	Jun-22	Mar-22	Sep-22	Jul-25	Jul-25
5037800000	Loch Katrine Catchment Landslips	Water	Needs not to be covered by an MA	Q4 19/20	1	Jun-20	Jun-20	TBC	TBC	TBC	TBC	TBC	TBC
5036650000	Lockerbie catchment UIDs (x3)	Wastewater	Unsatisfactory Intermittent Discharges	IR18	2	Dec-21	Apr-22	Mar-22	Mar-23	Jun-22	Jun-23	Nov-22	Apr-25
5033870000	Lockerbie WwTW - Investigation and Scope Definition for Potential Growth Project post 2021	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jan-22	Apr-22	Dec-22	Mar-23	May-23	Jun-23	Mar-25	Apr-25
4039950000	Londornoch WTW	Water	Water Treatment Capability Improvement		2								
5095320000	Milngavie WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2			May-22	Oct-22	Dec-22	Apr-23	Oct-30	Oct-30
5002300000	Mintlaw WwTW Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2				Oct-17		Apr-18		May-22

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5065220000	Montrose WwTW Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Apr-22	May-22	Mar-23	Apr-23	Aug-23	Sep-23	Jun-25	Jul-25
5021750000	Multiple - High Voltage Programme Phase 1 (Lomond Scheme)	Water	High Voltage Assets (Water and Wastewater)	Q2 19/20	2				Apr-16		Apr-16		Aug-27
5049660000	Nethan Bridge	Water	Strategic Infrastructure	Q2 19/20	2		n/a		n/a		n/a		n/a
5033720000	Newburgh WwTW Growth	Wastewater	Enabling Development - Wastewater Portfolio		2		Apr-22		Mar-23		Aug-23		Jun-25
5007310000	Newmacher WwTW Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2				Feb-17		Aug-17		TBC
5035932211	Non Complex Service Delivery	Transformation	Transformation	Q2 20/21	2			May-21	May-21	May-21	Dec-21	May-21	TBC
5030600000	North Berwick WWTW	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	1	Aug-20	Aug-20	Jan-22	Jun-22	Jul-22	Dec-22	May-24	Apr-25
5027360000	Oldmedrum WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jul-17	Jul-17	May-19	May-19	Jun-20	Feb-22	Oct-22	Oct-22
5031170000	Pan-Scotland Resilience	Water	Water Resilience and Growth	IR18	N/A (see comments)	N/A	N/A	N/A	N/A	Oct-22	Oct-22	Nov-22	Nov-22
5035440000	Patna WwTW Bathing Water Improvement	Wastewater	Wastewater Treatment Works Improvements	IR18	2	NA	NA		Jun-22		Aug-22	NA	Feb-23
5032230000	Penicuik WwTW - Investigation and Scope definition for Potential Growth project	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jul-20	Jul-20	Mar-22	Aug-22	Sep-22	Mar-23	Aug-24	Feb-25
5031110000	Perth and Dundee	Water	Water Resilience and Growth	Q2 19/20	2	Nov-21	Sep-22	Feb-22	Apr-23	Jun-22	Oct-23	Jul-23	Oct-23
5032240000	Philipshill WwTW - Investigation and Scope Definition for Potential Growth Project post 2021	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Nov-21	Mar-22	Oct-22	Feb-23	Mar-23	Jul-23	Jan-25	Jul-23
4041320000	Picketlaw WTW Main out	Water	Water Resilience and Growth		2								
5045580000	Port Charlotte WTW - Islay Strategy (Including Ballygrant as strategically linked site)	Water	Water Treatment Capability Improvement	Q2 19/20	2	Jun-20	Jun-20	Nov-21	Dec-21	Sep-22	Sep-22	Apr-24	Apr-24
5036990000	Purdomstone Reservoir	Water	Reservoir Safety	Q2 19/20	2								
5055740000	Rawburn WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2	Jun-20	Jun-20	Oct-21	Nov-21	Apr-22	Jun-22	Apr-24	Apr-24



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5061300000	RCI Newfield PS to Broadmuir TM DMA (Peterhead Newfield 12" TM)	Water	Strategic Infrastructure (Water)	Q2 19/20	2	Feb-21	Feb-21	Sep-21	May-22	Jun-22	Jun-22	Jun-23	Jun-23
5094380000	Roberton WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2			Apr-22	Nov-22	Oct-22	May-23	Sep-24	Sep-24
4039510000	Rockcliffe Bathing Water - improvement to sufficient status	Wastewater	Wastewater Treatment Works Improvements	IR18	2	NA	NA		Apr-17		Nov-14	NA	Sep-22
5036190000	Rosewell WwTW - Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jun-22	Aug-22	May-23	Jul-23	Sep-23	Dec-23	Nov-25	Feb-26
5032600000	Roslin WwTW - Investigation and Scope Definition for Potential Growth Project post 2021	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jun-22	Aug-22	May-23	Jul-23	Sep-23	Dec-23	Jul-25	Oct-25
5032760000	Rothes WwTW Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Feb-22	Jan-22	Jan-23	Jan-23	Jun-23	Jun-23	Apr-25	Apr-25
5012110000	Sanday WTW - QUALITY	Water	Water Treatment Capability improvement	SR15 enhancement	2				Aug-19		Sep-19		May-22
5033800000	Scone WwTW Growth	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2		May-22		Apr-23		Sep-23		Aug-25
5074430000	Seafield WwTW (reduce risk of malodour)	Wastewater	Needs not to be covered by an MA	Q4 19/20	2	Mar-21	Mar-21	Dec-21	Feb-22	TBC	TBC	TBC	TBC
5032860000	South Queensferry WwTW	Wastewater	Enabling Development - Wastewater Portfolio	Q2 19/20	2	Jan-22	Mar-22	Dec-22	Feb-23	May-23	Jul-23	Mar-25	May-25
5030820000	South Uist WTW New Source	Water	Water Resilience and Growth	SR15 enhancement	2				Feb-18		Feb-18		Apr-23
5013390000	STANELY SR	Water	Treated water storage	Q2 19/20	2				Jan-17		Apr-27		Jul-28
5065100000	Stornoway WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2	Feb-21	Feb-21	Mar-22	Sep-22	Jan-23	Mar-23	Aug-24	Aug-24
5037710000	SW1905 - Wellhouse Crescent Glasgow	Wastewater	Manage Sewer Flood Risk	Q2 19/20	1	Aug-21	Aug-21	Oct-21	Sep-22	Nov-21	Dec-22	May-22	Jul-22
5043930000	Tighnabruaich WTW	Water	Water Treatment Capability Improvement	Q2 19/20	2	Jan-20	Jan-20	Dec-20	Dec-20	May-21	May-21	Nov-23	Nov-23
5045570000	Torra WTW - Islay Strategy (Including	Water	Water Treatment Capability Improvement	Q2 19/20	2	Jun-20	Jun-20	Nov-21	Dec-21	Sep-22	Sep-22	Feb-25	Feb-25



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TBC	Intellegent Asset Base	Transformation	Transformation		2		TBC		TBC		TBC		TBC
	Middle Coul (Land Use)	CE&FS			2								
	Carron Valley Resilience	Water			2		Dec-22		Dec-22				



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