

GUIDE TO OUR PLAN NES80



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1. OVERVIEW

Chapter 10 of Ofwat's methodology sets expectations for company Business Plans and narrative.3

We agree with Ofwat's objectives for clarity and transparency for stakeholders. We are required to provide a very large amount of information to explain how we have met all the requirements, often at a level of detail that only very few of our stakeholders will understand. This means that a Business Plan that attempts to include all this information risks either being inaccessible to most readers, or not providing the detail that technical assessors need.

That is why we kept our main Business Plan document more focused and more accessible than at PR19. This narrative explains our plans succinctly and summarises how we will meet Ofwat's key PR24 ambitions (to focus on the long-term; to deliver greater environmental and social value; to reflect a clearer understanding of customers and communities; and to drive improvements through efficiency and innovation).

Our Business Plan includes the following documents:

- Our <u>main Business Plan</u> (NES01), which explains our plans in summary. We have kept this short to help readers understand a summary of our plans without unnecessary detail.
- Our Long-term strategy (NES_LTDS), including annexes and models to explain our approach.
- A series of eight appendices (NES02 to NES09), which describe our plans and how we have met the methodology requirements in more detail in each area. This includes providing the evidence required to meet Ofwat's Quality and Ambition Assessment tests. We have written these to support people working in Ofwat on these particular topics in understanding our Business Plan and how we have tested and scrutinised this.
- A series of enhancement cases, which explain in more detail how we have made our decisions about the enhancement investments that we will make in 2025-30. This includes providing the evidence Ofwat asks for in their PR24 methodology. We have carried out benchmarking for these cases, and we provide a detailed cost benchmarking report, NES 66 (not to be published).
- Our customer research insight summaries which, along with our <u>line-of-sight report</u> (NES45), provide the evidence from our customer engagement. We published all of our individual research reports in <u>our research</u> <u>library</u> over the last year, and have included our <u>qualitative</u> and <u>quantitative</u> affordability and acceptability research reports in full with this submission (NES49 and NES50).
- Supporting evidence for our appendices. This includes independent reports and assessments, including for example: our <u>full assessment of DPC suitability</u>; our work on assessing deliverability; our work on climate change resilience and managing extreme weather risks; and our evidence on the cost of capital.
- Assurance and challenge reports, including the independent challenge report from Water Forum (NES47) and the assurance and challenge from our providers.
- Data tables, models, and data table commentaries. We have included all the models and data tables required, as well as commentaries for each block of tables.

In this guide, we explain how we have labelled and cross-referenced between these documents. We provide hyperlinks to all the documents as published on our website, and use codes (such as "NES80", for this document) to help Ofwat staff to find the right documents in the submission.

2. OUR REFERENCING SYSTEM

Across our Business Plan documents, we have referenced as follows:

- We have provided a unique code for each document in our Business Plan for example, NES80 for this document. All these codes are listed in Table 4.
- For links to other documents within the Business Plan we have provided both a hyperlink to the document published on our website, and a reference to the unique code in brackets. This helps Ofwat staff to find the correct document within the submission folders (rather than needing to refer to published versions each time).
- For links to documents outside our Business Plan, we have provided hyperlinks to documents published by others (including, for example, where documents are already published on the Ofwat website). We have not resubmitted these documents as part of our Business Plan. Where it is particularly relevant, we have used footnotes to explain page references or additional important points.

Ofwat set a limit of 80 documents for our submission, with some documents excluded from this limit. We have numbered the documents including within this limit as NES01 to NES80. There are **74 documents** in total within this.

We also include some other documents which are excluded from this limit:

- Table commentaries, which are labelled from NES_COM1 to NES_COM12.
- Long-term strategy documents, which are labelled from NES_LTDS to NES_LTDS9.
- Business Plan tables and additional information requests, labelled from NES_BPT_01 to NES_BPT_03. We also include an additional table commentary as required for the energy costs data request, NES_COM13.
- Models, labelled from NES_M_01 to NES_M_19.
- Our signposting Excel form in support of this guide (NES_S_01).

3. MEETING OFWAT'S EXPECTATIONS FOR FORMAT AND CONTENT

Ofwat's sets out its expectations for company Business Plans and narratives in section 10.3 of its PR24 methodology.

TABLE 1 – TESTING AGAINST OFWAT REQUIREMENTS

Requirement	Our plan
Convincing main Business Plan limited to	Our Business Plan (NES01)
300 pages	
Guide to reading the plan with hyperlinks	Our guide to reading the plan (this document, NES80)
Clear cross-referencing	Document labels, coding, and hyperlinks (as set out in this document, NES80)
Clear succinct commentaries in 12 separate PDF documents	Documents NES_COM1 to NES_COM12
Overall limit to the number of documents (80)	We have submitted 74 documents, as well as our Business Plan tables/models, commentaries, and Long-term strategy (which are excluded).
Limit of 30MB per document	No documents more than 30MB
Searchable PDF format for most documents	We have used this throughout, with links from tables of contents too.
Filenames, for example, NES01	We have complied with this format and have applied a similar filename format to evidence documents we have not submitted.
No video files	We have not submitted any video files.
All the relevant data and information	We have provided this (see <u>A2 – data, information and assurance</u> , NES03).
Publication	We have published the Business Plan documents in full on our website.

4. MEETING OFWAT EXPECTATIONS FOR THE QUALITY AND AMBITION ASSESSMENT

Our Business Plan includes eight appendices, which summarise the evidence Ofwat needs to examine each topic in turn. These are needed to explain these topics in sufficient depth to meet the quality and ambition assessment criteria and to explain the evidence and processes we needed to be confident in our Business Plan (and so provide Board assurance). We have structured these appendices to broadly align with the Ofwat QAA assessment, to make this as easy as possible for assessors, and have included tables at the front of each appendix to explain where each of the QAA criteria are discussed.

Table 2 summarises the minimum "quality" expectations from Ofwat and where these can be found across our plan. This table is identical to the signposting Excel document, NES_S_01.

TABLE 2 – QUALITY ASSESSMENT OF BUSINESS PLANS

Test area	Minimum expectations	References
	The plan is accessible and follows a clear structure, meeting our requirements as specified in our guidance, such as page and document limits where specified.	NES80, section 3
	The company's PR24 Business Plan is fully consistent with the Long-term strategy and the company presents a single adaptive strategy, rather than multiple alternate plans.	NES03 section 6.4 and NES LTDS
Data, information, and	The company provides sufficient and convincing evidence to demonstrate how its track record of performance, or lessons learnt from poor performance, support the credible delivery of the proposals in its plan.	NES07 and NES05
assurance	The company's full Board provides an assurance statement that meets our Board assurance requirements as specified in our guidance.	NES02, section 8 (supported by evidence in NES02, section 6)
	The company provides the data and information as requested in our methodology and Business Plan tables. This data and information are consistent, accurate and assured using effective internal systems, controls and processes.	NES02, section 7
Long-term strategy	The Long-term strategy has been developed in line with our guidance and has taken account of any feedback.	NES LTDS
Customer engagement, affordability, and acceptability	The company's plan provides sufficient and convincing evidence that its customer engagement activities meet our standards for research, challenge, and assurance.	<u>NES08</u>
NORTHUMBRIAN WATER(iving water	ESSEX&SUFFOLK WATER living water	1 October 2023 PAGE 6 OF 20



	The company's plan explains how it has taken account of views on the affordability of its proposals for all customers, including for those who struggle, or at risk of struggling, to pay their bills.	NES08 and NES02, section 5.1
	The company's Business Plan and Long-term strategy demonstrates that its proposals are likely to be fair and affordable for both current and future customers.	NES02, Section 5.2 and NES04
	The company's plan provides sufficient and convincing evidence that it has followed our guidance for testing customers' views of the affordability and acceptability of its proposals.	NES08
	The company's Business Plan includes plans for supporting customers to pay their bills using social tariffs and other methods.	NES02, section 5
	The Business Plan sets out the benefits of the company's proposals, specifically:	
	The impact on performance levels delivered through base for all performance commitments;	NES05, section 3
	The impact of enhancement expenditure on performance commitments for 2025-30 and the longer term (i.e. to at least 2050); and	NES05, section 3
	The benefits of any price control deliverables proposed	NES04, section 6.3
	The Business Plan is consistent with the achievement of statutory requirements and relevant government targets.	NES04, section 4.2 and NES03, section 6.5 and 6.6
Costs	The Long-term strategy is consistent with the achievement of statutory requirements and relevant government targets. For Welsh water companies this includes demonstrating how they have considered the outputs of the collaborative approach.	NES_LTDS
	The Business Plan and Long-term strategy include investment options which are consistent with the company's finalised water resources management plan (WRMP). Where have you addressed any feedback previously provided on these?	NES_LTDS and enhancement cases
	The Business Plan and Long-term strategy include investment options which are consistent with the company's finalised Water Industry National Environment Programme/National Environment Programme (WINEP/NEP). Where have you addressed any feedback previously provided on these?	NES_LTDS and enhancement cases



	If applicable, the Business Plan and Long-term strategy include investment options which are consistent with the company's finalised drainage and wastewater management plans (DWMP). Where have you addressed any feedback previously provided on these?	NES_LTDS and enhancement cases
	The company proposes to use direct procurement for customers (DPC) to deliver eligible schemes, in line with our 'DPC by default' approach.	NES07, section 4.3.2
	The company provides sufficient and convincing evidence that the investment proposals within its PR24 Business Plan are deliverable. This should take into account delivery in the 2020-25 period and any measures the company has put in place.	NES07, sections 4 and 5
	For ODI rates for common PCs the company uses:	NES05, section 4
	 our view of indicative marginal benefits, or provides compelling evidence for any alternatives; and 	
	• our view of indicative benefit sharing factors, or alternatives supported by sufficient and convincing evidence consistent with the considerations we have set out in our final methodology.	NES05, section 4
Outcomes	If the company's Business Plan includes bespoke performance commitments, the company sufficiently demonstrates how it has responded to any feedback we have provided on its bespoke performance commitment submission. The company should also provide complete, consistent and well-evidenced incentive rates for bespoke performance commitments, demonstrating how its proposals are consistent with our final methodology and any relevant guidance.	NES05 (we are not proposing any bespoke performance commitments).
	The Business Plan uses our early view of the allowed return on capital or provides compelling evidence that another rate is more appropriate.	NES06, section 4 and 5
Risk and return	The company's plan provides sufficient and convincing evidence that the overall Business Plan provides an appropriate balance of risk and return.	NES06, section 3
	If the company's Business Plan includes bespoke	NES06
	uncertainty mechanisms and notified items then these meet the expectations we have set out in our methodology.	NES04, section 6



The company's Board provides assurance that its Business Plan is financeable on the basis of the notional structure and this is supported by sufficient and convincing evidence that demonstrates financeability and the steps taken to provide this assurance.	NES06 , section 4 and NES03 , section 6.9 for Board assurance summary
The Business Plan provides sufficient and convincing evidence to support PAYG and RCV run-off cost recovery rates. RCV run-off rates are within our expectations set out in Chapter 8 of the final methodology and take account of intertemporal fairness and considerations of affordability for customers now and in the future.	NES06, section 6.3
The company's Board has provided assurance that it will maintain financial resilience during 2025-30 and in the long- term, taking account of its Business Plan under its financing and capital structure. We also expect this to be supported by sufficient and convincing evidence of the steps taken to provide this assurance and of the steps to improve financial resilience where necessary.	NES06, section 6.2 and NES03
The Business Plan sets out the company's dividend policy for 2025-30 and the policy is in line with our expectations.	NES06, section 7
The Business Plan sets out the company's policy for performance related executive pay during 2025-30 and the policy is in line with our expectations and Board leadership, transparency and governance principles.	NES06, section 7

Table 3 summarises the "ambition" assessment expectations from Ofwat and where these can be found across our plan. This table is identical to the signposting Excel document, NES_S_01.

TABLE 3 – AMBITION ASSESSMENT OF BUSINESS PLANS

Test area	Minimum expectations	Evidence and references
Stretch and efficiency	Evidence demonstrating that a stretching performance from base expenditure allowances will be delivered.	 We rank second on comparative efficiency and service performance relative to other Water and Sewerage Companies and our plan proposes a further £400m of efficiencies to be delivered in AMP 8 (see NES01, figure 17) We describe our approach to setting Performance Commitment Levels (PCLs) in our appendix A4 – Outcomes (NES05) and our approach to setting base cost allowances in our appendix A3 – Costs (NES04). We set out base cost allowances at the sector upper quartile using Ofwat's proposed PR24 cost models and apply that efficiency target across all price controls individually as per Ofwat's methodology. We also apply an ambitious 0.8% per annum frontier shift assumption (see A3 – Costs (NES04) section 4.8, cost assurance (NES72) and El report on frontier shift, NES73). We seek stretching service improvements from base costs in line with our 'National Leader' definition (see A4 – Outcomes (NES05) section 2.2) and to prioritise improvements reflecting customer preferences (see Customer research insight summaries, NES42 to NES44). We propose additional 'enhancement' expenditure in just two areas which are required to meet statutory targets, leakage and demand management (see our demand management case, NES37). In both instances NWL currently operates in the upper quartile of the sector (leakage in Essex and Suffolk and pollutions in Northumbria). We accept upward cost pressures in relation to the DWI transformation plan and do not request additional enhancement funding. Given volatility in input prices and the difficulty of forecasting efficient costs we propose an end-of-period true-up for a wider range of input costs (wages, power, chemicals, plant and materials). This will maintain strong incentives for efficiency whilst avoiding over or under estimation of efficient costs given the large volatility in costs in recent years. Independent challenge and assurance in this area has been provided by the Water Forum



Sewerage Companies under Ofwat's base cost models and our plan proposes a further £400m of efficiencies to be delivered in AMP 8 (see <u>NES01</u>, figure 17).

We rank second on comparative efficiency relative to other Water and

- We describe our approach to setting base cost allowances and enhancement costs in our appendix <u>A3 – Costs</u> (NES04).
- We set out base cost allowances at the sector upper quartile using Ofwat's models and with an ambitious 0.8% per annum frontier shift assumption (see appendix <u>A3 Costs</u> (NES04), section 3.8, <u>cost assurance</u> (NES72) and <u>EI report on frontier shift</u>, NES73).
- We do not propose any symmetrical cost adjustment claims for special factors outside of management control.
- We include enhancement cases for <u>asset health</u> (NES35), <u>demand</u> <u>management</u> (NES15), and <u>NHH demand management</u>, NES36).
- We have undertaken a wide range of benchmarking of our enhancement costs where possible incorporating, inter alia, pre-estimation benchmarking of our cost curves, benchmarking with other companies cost curves, market testing and benchmarking with historical PR19 unit costs and econometric models. We adjust cost estimates where these benchmarks do not suggest that we are efficient. In total 80% of our enhancement costs in our plan have been subject to some cost benchmarking (and all base costs). In some instances suitable cost benchmarks are not readily available and we will review any new information that arises in the Draft Determinations as we consider that Ofwat will have access to more information and benchmarking across companies' plans.
- Independent cost benchmarking reports (NES66) are provided relating to our enhancement cases as well as enhancement <u>cost assurance</u> (NES68).

Evidence demonstrating that the expenditure proposals are efficient and consistent with our stretching efficiency benchmarks, and evidence on cost adjustments, if any. ٠



- Our Long term strategy (NES_LTDS) sets out our plans to 2050, incorporating the most recent versions of our <u>Water Resource Management</u> <u>Plans</u> and <u>Drainage and Wastewater Management Plan</u> as well as our plans to deliver <u>net zero</u> and long-term resilience.
- The LTS sets out the four long-term investment areas needed to ensure that we meet long term targets using adaptive planning. It identifies all the different trigger and decision points and potential adaptive pathways that relate to our 25 year plan. It also tests those against a range of common and bespoke scenarios.
- We are one of the only companies to <u>consult publicly</u> (NES_LTDS3) on a full draft of our LTS and our final LTS reflects the findings from that consultation exercise.
- Our <u>PR24 Business Plan</u> (NES01) sets out the enhancement investments that are needed now to support the first five years of that LTS and these are also explained in our LTS and appendix <u>A3 – Costs</u> (NES04).
- The <u>Water Forum</u> (NES47) and their <u>ITA</u> (NES48) checked and confirmed the broad alignment of our PR24 targets with the LTS.
- Independent assurance on our LTS was provided by <u>Sustainability First</u> (NES74).
- All our enhancement cases reference the customer engagement that we have undertaken and the evidence of customer support for those cases. Our customer insight summaries and <u>line of sight</u> (NES45) documents provide evidence of the alignment to customer preferences and priorities.

Evidence justifying enhancement expenditure, which is based on adaptive plans, meets customer and environmental needs and makes progress towards delivering relevant government targets.



	Evidence demonstrating that best value solutions will be delivered, by considering wider environmental and social benefits, costs, risks, opportunities for third party funding and the affordability of customers' bills.	 Our appendix <u>A3 – Costs</u> (NES04) and enhancement cases describe how we have considered wider public value benefits in our assessment of options to deliver best value solutions. We implemented a new Copperleaf system in 2022-23 to support the wider consideration of benefits and worked with Frontier economics to use the best possible 'value' models to support assessments of wider environmental and societal benefits. We have used this system in the assessment of the options we are presenting in our Business Plan. Our options appraisal framework, as highlighted in our appendix <u>A3 – Costs</u> (NES04) and individual enhancement cases, considers nature based and partnership solutions first and traditional engineering solutions last. We have established new partnerships with the River's Trust and others to support the delivery of the plan. These sit alongside existing successful partnerships such as the Northumbria Integrated Drainage Partnership. Our appendix <u>A1 – customer affordability</u> (NES02) describes how we will ensure that the plan is affordable including through a fourfold increase in our affordability support for customers and a new £20m hardship fund provided by shareholders.
Enhancing affordability	Evidence of proposals to further enhance affordability overall.	 Our <u>affordability appendix</u> (NES02) sets out our approach to ensuring the affordability or our plans overall and for residential customers struggling to pay. This focusses on ensuring that no customer spends more than 5% of their income on water bills. Our plan already includes stretching catch-up and frontier-shift efficiency assumptions amounting to c.£400m of efficiencies that we will need to find in the plan. Our <u>affordability appendix</u> (NES02) and <u>main plan</u> (NES01) explain how our proposals should place us amongst the best in the sector in the level of
	Evidence of proposals to enhance affordability for residential customers struggling to pay.	 support we are providing relative the scale of the water affordability challenge in our regions, see <u>NES01</u> Figure 20. We are proposing a four-fold increase in support from around £40m this period to around £170m in the next period including a new £20m hardship fund from shareholders. We explain in our <u>affordability appendix</u> (NES02) how we will increase awareness of this support, which has been a challenge historically, and what approaches we will used to support customers with affordability challenges including new initiatives, partnerships and innovations.

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Evidence of proposals to enhance affordability for future customers.	•	We explain in our <u>LTS</u> (NES_LTDS) the actions we can seek to ensure water and wastewater bills remain affordable in the long-term. Our package of affordability support will be more than sufficient to meet the challenge to 2030, potentially allow us to make progress on the affordability challenges to 2035 and beyond but we recognise that new innovations and other solutions will be needed in the future given the challenges we expect to face.
Evidence of high value and innovative proposals to support customers, such as voluntarily sharing outperformance, making other contributions from investors, or delivering charging innovation. Please give specific references for each proposal submitted.	•	 Our plan includes a range of proposals to support customers and share benefits. These include: A £20m shareholder funded hardship fund to support affordability (see main plan, NES01, and affordability appendix, NES02). A proposal to reinvest any outperformance on capital maintenance including additional funding through our asset health enhancement case (NES35). A proposal to share financing outperformance through the indexation of the risk free rate, which we estimate could be worth more than £90m for customers if interest rates fall as forecast (see main plan, NES01). A proposal to increase our support for customers if they experience repeat sewer flooding (see outcomes appendix, NES05) which is one of the worst service failure a customer can experience. A proposal to reinvest any gains through the biodiversity ODI in line with our existing Bluespaces programme which we also propose to continue through the non-statutory WINEP (see outcomes appendix, NES05).

5. LIST OF DOCUMENTS AND HYPERLINKS

TABLE 4 – LIST OF ALL DOCUMENTS

Code	Document title/hyperlink	Notes
NES01	Business Plan	
NES02	Appendix A1 - customer affordability	
NES03	Appendix A2 - data, information, and assurance	
NES04	Appendix A3 - costs	
NES05	Appendix A4 - outcomes	
NES06	Appendix A5 - risk and return	
NES07	Appendix A6 - deliverability	
NES08	Appendix A7 - customer and stakeholder engagement	
NES09	Appendix A8 - resilience	
NES10	A2-01 data assurance report	Note – there is no NES11 or NES12
NES13	A3-01 Enhancement case WWN – WINEP Phosphorus	
NES14	A3-01 Enhancement case WR - water supplies	
NES15	A3-02 Enhancement case WN - demand management	
NES17	A3-04 Enhancement case WR - WINEP long term environmental destination	
NES18	A3-05 Enhancement case WR - WINEP protected areas and biodiversity	
NES19	A3-06 Enhancement case WR - WINEP water framework directive (water)	
NES20	A3-07 Enhancement case WN - lead replacement	
NES21	A3-08 Enhancement case WN - raw water deterioration (Geosmin)	
NES22	A3-24 Enhancement case WR - reservoir drawdown capacity	
NES23	A3-09 Enhancement case WN and WWN - security	





NES26A3-12 Enhancement case WWN - growth at wastewater treatment worksNES27A3-13 Enhancement case WWN - storm overflowsNES28A3-14 Enhancement case WWN - WINEP protected areas and bathing watersNES29A3-15 Enhancement case WWN - WINEP 25 year environment planNES30A3-16 Enhancement case WWN - WINEP septic tanksNES31A3-17 Enhancement case WWN - WINEP septic tanksNES32A3-18 Enhancement case WWN - WINEP septic tanksNES33A3-19 Enhancement case WWN - first time sewerageNES34A3-20 Enhancement case BIO - WINEP sewage sludgeNES35A3-21 Enhancement case WN - MINEP severageNES36A3-22 Enhancement case WN - pollutionsNES37A3-23 Enhancement case WN - pollutionsNES38A6-01 Assessment of DPC suitabilityNES39A3-26 Enhancement case WWN - WINEP chemicals and emerging contaminantsNES40A6-03 Deliverability of PR24 schemes (Jacobs)NES43A7-02 PR24 Customer Research - Common PCs Insight SummariesNES44A7-03 PR24 Customer Research - Prioritisation of Common PCsNES45A7-04 PR24 Line of Sight	NES24	A3-10 Enhancement case WN - climate change resilience process enhancements	Note – there is no NES25
NES28 A3-14 Enhancement case WWN - WINEP protected areas and bathing waters NES29 A3-15 Enhancement case WWN - WINEP 25 year environment plan NES30 A3-16 Enhancement case WWN - WINEP monitoring NES31 A3-17 Enhancement case WWN - WINEP septic tanks NES32 A3-18 Enhancement case WWN - flooding and power resilience NES33 A3-19 Enhancement case WWN - first time sewerage NES34 A3-20 Enhancement case BIO - WINEP sewage sludge NES35 A3-21 Enhancement case WN - MINEP sewage sludge NES36 A3-22 Enhancement case WN - NHEP sewage sludge NES36 A3-22 Enhancement case WN - NHH demand NES37 A3-23 Enhancement case WW - pollutions NES38 A6-01 Assessment of DPC suitability NES39 A3-25 Enhancement case WWN - WINEP chemicals and emerging contaminants NES40 A6-03 Deliverability of PR24 schemes (Jacobs) NES42 A7-01 PR24 Customer Research - Common PCs Insight Summaries NES43 A7-02 PR24 Customer Research - Common PCs Insight Summaries NES44 A7-03 PR24 Customer Research - Prioritisation of Common PCs	NES26		
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NES32 A3-18 Enhancement case WN and WWN - flooding and power resilience NES33 A3-19 Enhancement case WWN - first time sewerage NES34 A3-20 Enhancement case BIO – WINEP sewage sludge NES35 A3-21 Enhancement case WN and WWN - asset health investment NES36 A3-22 Enhancement case WN - NHH demand NES36 A3-23 Enhancement case WN - pollutions NES37 A3-23 Enhancement case WWN - pollutions NES38 A6-01 Assessment of DPC suitability NES39 A3-25 Enhancement case WWN - WINEP chemicals and emerging contaminants NES40 A6-03 Deliverability of PR24 schemes (Jacobs) NES42 A7-01 PR24 Customer Research - Common PCs Insight Summaries NES43 A7-02 PR24 Customer Research - Enhancements and Other Service Area Summaries NES44 A7-03 PR24 Customer Research - Prioritisation of Common PCs	NES30	A3-16 Enhancement case WWN - WINEP monitoring	
NES32 power resilience NES33 A3-19 Enhancement case WWN - first time sewerage NES34 A3-20 Enhancement case BIO – WINEP sewage sludge NES35 A3-21 Enhancement case WN and WWN - asset health investment NES36 A3-22 Enhancement case WN and WWN - asset health investment NES36 A3-23 Enhancement case WN - NHH demand NES37 A3-23 Enhancement case WWN - pollutions NES38 A6-01 Assessment of DPC suitability NES39 A3-25 Enhancement case WWN - WINEP chemicals and emerging contaminants NES40 A6-03 Deliverability of PR24 schemes (Jacobs) NES42 A7-01 PR24 Customer Research - Common PCs Insight Summaries NES43 A7-02 PR24 Customer Research - Enhancements and Other Service Area Summaries NES44 A7-03 PR24 Customer Research - Prioritisation of Common PCs	NES31	A3-17 Enhancement case WWN - WINEP septic tanks	
NES34 A3-20 Enhancement case BIO – WINEP sewage sludge NES35 A3-21 Enhancement case WN and WWN - asset health investment NES36 A3-22 Enhancement case WN - NHH demand NES37 A3-23 Enhancement case WWN - pollutions NES38 A6-01 Assessment of DPC suitability NES39 A3-25 Enhancement case WWN - WINEP chemicals and emerging contaminants NES40 A6-03 Deliverability of PR24 schemes (Jacobs) NES42 A7-01 PR24 Customer Research - Common PCs Insight Summaries NES43 A7-02 PR24 Customer Research - Enhancements and other Service Area Summaries NES44 A7-03 PR24 Customer Research - Prioritisation of Common PCs	NES32		
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NES35 investment NES36 A3-22 Enhancement case WN - NHH demand NES37 A3-23 Enhancement case WWN - pollutions NES38 A6-01 Assessment of DPC suitability NES39 A3-25 Enhancement case WWN - WINEP chemicals and emerging contaminants NES40 A6-03 Deliverability of PR24 schemes (Jacobs) NES42 A7-01 PR24 Customer Research - Common PCs Insight Summaries NES43 A7-02 PR24 Customer Research - Enhancements and Other Service Area Summaries NES44 A7-03 PR24 Customer Research - Prioritisation of Common PCs	NES34	A3-20 Enhancement case BIO – WINEP sewage sludge	
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NES42 A7-01 PR24 Customer Research - Common PCs Insight NES43 A7-02 PR24 Customer Research - Enhancements and Other Service Area Summaries NES44 A7-03 PR24 Customer Research - Prioritisation of Common PCs	NES39		
NES42 Summaries NES43 A7-02 PR24 Customer Research - Enhancements and Other Service Area Summaries NES44 A7-03 PR24 Customer Research - Prioritisation of Common PCs	NES40	A6-03 Deliverability of PR24 schemes (Jacobs)	
NES43 Other Service Area Summaries NES44 A7-03 PR24 Customer Research - Prioritisation of Common PCs	NES42		
NES44 Common PCs	NES43		
NES45 A7-04 PR24 Line of Sight	NES44		
	NES45	A7-04 PR24 Line of Sight	



NES47 A7-06 Water Forum report NES48 A7-07 Independent expert challenge report NES49 A7-08 Affordability and Acceptability Qualitative Research report NES50 A7-09 Affordability and Acceptability Qualitative Research report NES50 A7-09 Affordability and Acceptability Qualitative Research report NES50 A7-09 Affordability and Acceptability Qualitative Research report NES51 A6-05 Water UK AMP8 Deliverability Report NES52 A8-01 Climate Resilience Phase A - Mott MacDonald NES53 A8-02 Climate Resilience Phase B - Mott MacDonald NES54 A8-03 Storm Arwen report - Jacobs Note - there is no NES55 NES56 A6-05 OneFuture North East (CENE) Note - there is no NES55 NES57 A5-04 Estimating the Customer Benefit of Indexing the Risk-Free Rate Ressa NES58 A5-05 Analysis of relative risk at PR14, PR19, and PR24 Ressa NES60 A5-01 Estimating the Cost of Eauity for PR24 (August 2023) Ressa NES61 A5-03 Assurance report for tax (tables RR5 and PD10) Ressa NES62 A6-06 Assurance Report for PR19 Enhancement Performance Commitments Ressa NES65 Letter to the EA on phasing Ressa Ressa <th>NES46</th> <th>A7-05 Independent report from Customer Engagement Panel</th> <th></th>	NES46	A7-05 Independent report from Customer Engagement Panel	
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NES49 report NES50 A7-09 Affordability and Acceptability Quantitative Research report NES51 A6-05 Water UK AMP8 Deliverability Report NES52 A8-01 Climate Resilience Phase A - Mott MacDonald NES53 A8-02 Climate Resilience Phase B - Mott MacDonald NES54 A8-02 Climate Resilience Phase B - Mott MacDonald NES54 A8-02 Storm Arwen report - Jacobs Note - there is no NES55 NES56 A6-05 OneFuture North East (CENE) Nee - there is no NES55 NES57 A5-04 Estimating the Customer Benefit of Indexing the Risk-Free Rate Nes58 NES58 A5-05 Analysis of relative risk at PR14, PR19, and PR24 NES59 A5-01 Estimating the Cost of Equity for PR24 (August 2023) 2023) NES60 A5-06 Commentary on the balance sheet cost of debt model Nes61 NES61 A5-03 Assurance report for PR19 Enhancement Performance Commitments Nes62 NES63 Cost benchmarking report (unpublished – commercially sensitive) Nes65 NES64 Bioresources Strategy Nes65 NES65 Letter to the EA on phasing Nes66 Oftwat letter on PR24 cost uncertainty NEs66 Oftwat letter on PR24 cost uncertainty NES6	NES48	A7-07 Independent expert challenge report	
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NES65 Letter to the EA on phasing NES66 Ofwat letter on PR24 cost uncertainty NES67 AMMA Report 2023	NES63		
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NES67 AMMA Report 2023	NES65	Letter to the EA on phasing	
	NES66	Ofwat letter on PR24 cost uncertainty	
NES68 A2-2 Enhancement Cost Assurance	NES67	AMMA Report 2023	
	NES68	A2-2 Enhancement Cost Assurance	



NES69	Assurance letter on financeability (First Economics)	
NES70	Stantec report on AMP8 deliverability	
NES71	AMP8 readiness review letter	Note – there is no NES72 or NES73
NES74	Long-term strategy independent assurance	
NES75	Environment Strategy	
NES76	Open Data Strategy	
NES77	KPMG – Northumbrian Water business plan and legal obligations	
NES78	Customer summary – Northumbrian Water	
NES79	Customer summary - Essex & Suffolk Water	
NES80	Guide to the plan	74 documents in total
NES_COM1	Outcomes Tables Commentary	Table commentary
NES_COM2	Risk and Return Tables Commentary	Table commentary
NES_COM3	Wholesale Water Costs Tables Commentary	Table commentary
NES_COM4	Wholesale Wastewater Costs Tables Commentary	Table commentary
NES_COM5	Water Resources Tables Commentary	Table commentary
NES_COM6	Bioresources Tables Commentary	Table commentary
NES_COM7	Retail Tables Commentary	Table commentary
NES_COM8	Developer Services Tables Commentary	Table commentary
NES_COM9	Long-term Strategy Tables Commentary	Table commentary
NES_COM10	Supplementary Tables Commentary	Table commentary
NES_COM11	Summary Tables Commentary	Table commentary
NES_COM12	Past Delivery Tables and Reconciliation & Feeder Models Commentary	Table commentary
NES_COM13	Energy Costs Tables Commentary	Additional table commentary for energy costs request
NES_LTDS	Long-term strategy	Long-term strategy documents
NES_LTDS1	Long-term strategy annexes	Long-term strategy documents





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PR24
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NES_M_13	Bioresources revenue reconciliation model	Excel
NES_M_14	RCV adjustments feeder model	Excel
NES_M_15	Revenue adjustments feeder model	Excel
NES_M_16	PR24 Balance Sheet COD model	Excel
NES_M_17	RORE analysis for Table RR30	Excel
NES_M_18	RORE Chart Tool	Excel
NES_M_19	Financial model with actual gearing	Excel
NES_M_20	Financial model – updated from PR19 for capital allowances	Excel
NES_S_01	Signposting form [Excel document to support NES80]	Excel