Price Control Deliverables

Delivery Plan Commentary
August 2025

Executive Summary

Over the next five years Yorkshire Water will invest significantly to improve our region's water and wastewater services. The investments range from network and metering upgrades to environmental improvements like storm overflow reductions and phosphorus removal. A large proportion of the improvement projects are subject to price control deliverables, or PCDs, a regulatory tool used by Ofwat to protect customers from late, or non-delivery. The combined value of the projects subject to PCDs is £3.3billion.

Yorkshire Water's PCD Delivery Plan for AMP8 (2025–2030) sets out how we will deliver these PCD commitments over the next five years.

Through this plan we will make sure that every pound of customers' money for improvements is used as intended, and if a project isn't delivered, the funding for it will be returned to customers under Ofwat's rules.

What we will deliver:

The improvements required for the next five years are grouped into 22 PCDs.

By 2030, to support clean water improvements, we are investing in enhancements including new and replacement water meters to help customers save water, and network upgrades to reduce leaks and ensure reliable supply even as demand grows. We will bolster water resilience by developing new sources and storage where needed so that homes and businesses have a continuous supply of safe drinking water.

In wastewater, we are carrying out major environmental projects, for example, improving storm overflows so that heavy rain leads to fewer sewer spills into rivers, and upgrading several sewage treatment works to further reduce pollution (like phosphorus in rivers). Together, these projects will improve service reliability, protect the environment, and support regional growth for years to come.

There are a few differences in our plan compared with the PR24 Final Determination (FD) from Ofwat, for example, this could be due to where there have already been changes in our requirements and these have been agreed by the Environment Agency. Any changes in our plan compared to the FD are detailed within this document.

High-profile PCD schemes are those expected to draw significant attention from regulators, customers, or other stakeholders due to their scale, criticality, complexity, or risks. We have identified seven high profile schemes within our plan.

Why this is important:

Our improvement plans link directly to what our customers and regulators expect us to deliver over the next five years. Customers have told us that reducing leaks, preventing sewer flooding, and keeping rivers clean are top priorities. We agree – and this plan helps target those outcomes. In addition, many of the projects are tied to national environmental targets, so delivering them helps protect wildlife and natural ecosystems in our region.

Ensuring customers get value:

The PCD mechanism set by our regulator, Ofwat, means that Yorkshire Water only keeps the funding for a project if we deliver the promised outcome. If we deliver less, or later than target deadlines, allowances will be adjusted so customers don't pay for what they haven't received. This puts a strong incentive on us to meet all our commitments. We welcome this – our goal is 100% delivery. By setting this clear baseline now, everyone will be able to see in future years if we diverge and why.

Main risks and how we manage them:

Delivering such an ambitious programme is not without challenges. Overall, we are confident in the deliverability of our programme but know that in some cases we are reliant on external parties and there are some challenging areas.

Our main delivery challenge is the capacity of contractors and supply chains, procuring specialised equipment and services and ensuring we have sufficient skilled personnel available at the right times. The issue isn't unique to us – there is a significant increase in investment across the water industry over the next five years and it is known that there is a scarcity of trained modelling experts. This industry-wide stretch on resources heightens the risk to timely delivery. To mitigate this risk, we are working closely with our suppliers to secure the skills and materials we need and we are focusing on re-sequencing tasks and building flexibility into our plans, identifying what can progress in parallel or be brought forward to maintain momentum. Internally, we are scrutinising resource plans to ensure critical roles are covered and considering additional training or external support to bolster capacity. Notwithstanding this, the high levels of demand on the supply chain over this period are likely to result in some cost and time impact.

Delivering our PCD program often requires cooperation and approval from external parties, for example, local authorities (for planning permission), highway agencies, landowners, and other stakeholders. Negotiating and obtaining these third-party agreements can be a significant schedule risk. In the past, we have experienced delays stemming from prolonged planning permission processes and other interface issues outside our full control. This will be exacerbated in AMP8 with the introduction of

new requirements for demonstration of BioDiversity Net Gain, which will add additional time and complexity into project timescales. We are taking a proactive and engagement-focused approach to third-party dependencies. Early in project development, we are reaching out to planning authorities and other agencies to socialise our plans, address concerns upfront, and ideally shorten the formal approval phase. Whilst this will help external bodies to plan their workload, there will also be a requirement for these parties to match their resource levels to the demands of a larger programme to enable us to stay on track for delivery. Regular stakeholder engagement forums are set up for critical projects, ensuring that potential blockers are identified and addressed collaboratively well in advance. We have also built some limited flexibility into project schedules just in case approvals take longer than anticipated and sequence work so other tasks that can progress do so.

A third area of risk is technical uncertainty. For projects involving new technology or complex engineering, we are running pilot tests and detailed design phases early so that we can identify any issues before construction. Yorkshire Water is committed to pursuing innovative, nature-based solutions where they offer sustainable benefits for customers and the environment (for example, wetlands for wastewater treatment or natural flood management techniques). These solutions can often be more cost-effective in the long-run and deliver co-benefits like biodiversity gains. However, a noted risk is the challenge in obtaining regulatory acceptance for new nature-based or non-traditional solutions. To manage this, we have been engaging regulators early on our innovative solution proposals. We share evidence from pilot projects and industry research to build confidence in these methods. By highlighting successful case studies (either from our own trials or other companies' experiences), we aim to demonstrate that nature-based solutions can achieve the required outcomes reliably. We are also adopting a collaborative design approach, involving Environment Agency and Drinking Water Inspectorate experts in the solution development phase, ensuring their concerns are addressed in the design. Furthermore, we often plan hybrid approaches – combining nature-based elements with traditional engineering – to provide assurance that regulatory standards will be met.

By identifying these risks up front, we can monitor and manage them closely.

How we will deliver and track progress:

Our plan presents details of each project, including a detailed timeline, yearly milestones, specific outputs such as a certain number of meters installed, and budget.

We will report our progress to Ofwat every six months and provide an annual update alongside our published Annual Performance Report. Each project will also be designated with a Red/Amber/Green status rating, indicating whether it's on track or

highlighting material risks to delivery. If any project faces particular challenges, we will flag it as amber and outline the corrective actions we are putting in place to bring it back on course.

Importantly, an independent assurance provider will review our delivery plan and progress. Each year, an external report from the provider will verify whether we are meeting our milestones for these projects, providing an extra layer of transparency and trust.

This Delivery Plan provides the baseline for the next five years. The forecast data has been taken from our position at the end of March 2025, updated as required for any known changes in obligations as agreed with our regulators as at the end of July 2025.

In summary, Yorkshire Water's 2025–2030 Delivery Plan represents a big step forward for water and wastewater services in Yorkshire. It focuses on the outcomes that matter most: reliable water supply, a cleaner environment, and better infrastructure to serve our growing region. We have secured the funding and set clear targets for each improvement. Now, our job is to deliver – and we have put in place robust processes to do so, backed by regular monitoring and external assurance.

We know what we must deliver, we have a credible plan to deliver it, we understand the major risks to success, and we are committed to transparent reporting. We believe this plan is right for customers and right for the environment.

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Introduction

There has been a step change increase in enhancement expenditure allowances across water companies for Asset Management Period 8 (AMP8), which covers the years 2025 to 2030. Price Control Deliverables (PCDs) have been developed for material investment areas, not already covered through the Outcome Delivery Incentive (ODI) process. PCDs will allow enhancement funding to be returned to customers in the event of under- or non-delivery of outputs or outcomes associated with enhancement expenditure.

Yorkshire Water has created a Delivery Plan to show how we will meet our PCD targets and interim milestones. This narrative document supports the Delivery Plan. A draft version of our plan has already been reviewed by Ofwat and we have responded to queries they raised. We have also had our plans independently assured by AtkinsRéalis.

Internal monitoring processes, with regular senior management review, will ensure early sight of any risks and potential delivery issues, enabling interventions and adjustments to the plan to be considered in a timely matter.

We will report to Ofwat the progress against our plan and our interim milestones on a six-monthly basis and we will provide an annual update, along with independent external assurance, on our website alongside our Annual Performance Report (APR) in July of each year. PCDs are new in AMP8, and it is therefore noted that the reporting and monitoring of progress will be an iterative and evolving process through the AMP.

We will report our PCD information to Ofwat, the Environment Agency, and Drinking Water Inspectorate (DWI).

The Delivery Plan is set out within a set of data tables in excel format, standardised across the industry. This narrative should be read in conjunction with excel spreadsheet titled 'YKY Delivery Plan August 2025'.

Delivery Plan Data

There are four key metrics the delivery plan provides information on:

- PCD outputs – these are the outputs we are looking to deliver through enhancement expenditure related allowances, and the additional customer funded outputs from base expenditure. For example, these could be volume of storage for storm overflow schemes or mega litres of water available for use for water supply schemes. In our data table, we report both outturn and forecast output.
- Expenditure – this is the expenditure associated with the PCD output to be delivered. This includes both outturn and forecast expenditure.
- Interim milestones – these are the stage gates that we expect schemes to go through before the final output is delivered. These are utilised in PCD areas where output delivery is likely to be backloaded.
- RAG rating – this is a risk assessment for delivery performance against the output requirements for each PCD which should take the form of a Red/Amber/Green rating. Green would indicate that performance is on track to meet the PCD output requirements (or WINEP, WRMP, NEP, DWI statutory requirements if earlier). Amber would indicate that there is a material risk to meeting the PCD output requirements (or statutory requirements, if earlier) but that effective mitigations are considered to be in place. Red would mean that the PCD output requirement (or statutory requirements, if earlier) are not going to be met and there are insufficient mitigations in place to meet the requirements.

This Delivery Plan provides the baseline for the next five years. The forecast data has been taken from our position at the end of March 2025, updated as required for any known changes in obligations as agreed with our regulators as at the end of July 2025.

Companies should also send an updated change log with every Delivery Plan submission, covering any changes in scope resulting in a 5% change in costs, changes in site location and/or changes in length of mains or sewer schemes. There are no changes that meet this criteria at this point and therefore a change log has not been submitted alongside the baseline Delivery Plan of August 2025.

Assurance of our Delivery Plan

Assurance is the process we use to make sure the work that we do and the information we provide is correct and trustworthy. We use it to identify any potential errors, make improvements and monitor the ways we work. It's important to us that our customers and stakeholders can trust the quality of the information we publish.

To make sure our information is accurate and customers can trust what we publish, we use a way of working called the three levels of assurance. This is a process for checking our activities and information. This is a comprehensive approach which uses layers of assurance that are effective in identifying where things can be improved. This also gives us consistency across our work and, combined with a comprehensive risk assessment, we can apply the right amount of assurance at the right time.

Our internal and external assurance of this Delivery Plan has confirmed that:

- the delivery plan covers all enhancement schemes and areas of expenditure covered by PCDs;
- all PCDs for which interim milestones may be required have been identified;
- a delivery plan is in place in the PCD areas where interim milestones have been identified;
- interim milestones identified are consistent with such plan;

- there are movements of over one quarter in scheme target completion dates compared to original business plan, and, if so, the reason(s) for these movements have been explained; and
- scheme target completion dates in delivery plan meet statutory and regulatory obligations.

We have appointed AtkinsRéalis as the independent external assurance provider for this baseline Delivery Plan. The procurement process for AMP8 is ongoing at this stage and an assurance provider for the Delivery Plan Progress Reporting will be confirmed later in 2025.

As per Ofwat's requirements, our appointed independent assurance providers, AtkinsRéalis, will provide Ofwat with an actionable duty of care in relation to the quality of the report. This means that the report will be provided to the requisite professional standard and having conducted sufficient verification and independent assessment. As part of this appointment, we can confirm that we have fully investigated with AtkinsRéalis whether actual, potential, or perceived conflicts of interest could arise in the event of the assurance provider's appointment.

AtkinsRéalis confirm that they were given free access to relevant staff and information on request, including unrestricted access to all systems, files and documents requested. Overall AtkinsRéalis found that the approach taken by the Company is reasonable. AtkinsRéalis note that:

- The Company has plans and delivery programmes of varying degrees of maturity for the different schemes as would be expected at this point in the AMP. AtkinsRéalis consider that the approach taken to interim milestones appears reasonable and commensurate to the state of maturity of the projects concerned.
- The Company's Delivery Plan is largely in line with the Final Determination (FD) and statutory obligations. The main exceptions to this are the PR19 carryover schemes and a number of schemes where the Company forecasts a different annual profile of outputs to these set out in the FD before meeting the target in the final year of the AMP.
- The RAG classifications applied by the Company appears reasonable.

Yorkshire Water PCDs

Yorkshire Water has 22 PCDs. These are as follows:

Base PCDs

- PCDB1: Mains renewals
- PCDB3: Water (PCD3a) and wastewater (PCD3b) network reinforcement

Base PCDs (Bespoke)

- PCDB7: Flood management - living with water (Base)

Wastewater PCDs

Wastewater Flow and Monitoring PCDs

- PCDWW2: Continuous river water quality monitoring (CWQM)
- PCDWW3: WINEP Monitoring Certification Scheme (MCERTs) at emergency sewage pumping station overflows

Wastewater Other WINEP PCDs

- PCDWW18: WINEP Investigations (wastewater)

Wastewater Bioresources PCDs

- PCDWW24: Sludge storage (cake pads)
- PCDWW30: Bioresources – Industrial Emissions Directive

Wastewater Other PCDs

- PCDWW32: Wastewater Resilience – Power and Flood Resilience

Wastewater Scheme Level PCDs

- PCDWW5: Storm Overflows
- PCDWW4: Flow to Full Treatment
- PCDWW10: Phosphorus Removal
- PCDWW27: Growth to Sewerage Treatment Works
- PCDWW12: Treatment for tightening of sanitary parameters

WINEP Carry Over PCDs

- PCDWW35: PR19 WINEP Carryover actions

Net Zero PCDs

- PCDWW34: Nitrous Oxide Reduction & Methane Reduction

Water PCDs

Water WINEP PCDs

- PCDW8: Water WINEP/NEP Investigations

Water Quality PCDs

- PCDW13-14: Raw Water Deterioration and Taste, Odour and Colour
- PCDW15: Lead

Water Resilience and Security PCDs

- PCDWW32: Water (and Wastewater) Resilience – Climate Change Uplift
- PCDW17b: Cyber
- PCDW17a: SEMD

Water Supply and Demand Balance PCDs

- PCDW12: Metering
- PCDW11a: Supply

High Profile Schemes

High-profile schemes are those that are likely to attract significant interest from stakeholders, such as schemes that underpin significant areas of growth or environmental improvements.

We have identified seven high profile schemes within our plan.

1. Ilkley (PCDWW5 Storm Overflows & PCDWW4 FFT)
2. Scarborough (PCDWW5 Storm Overflows & PCDWW4 FFT)
3. Esholt (PCDWW30 IED & Reg Changes)
4. Kirkbymoorside (PCDWW10 Phosphorus Removal)
5. Hough Side Works (PCDWW35 PR19 WINEP Carryover)
6. Haisthorpe (PCDW13/14 Raw Water Deterioration and Taste, Odour and Colour)
7. East Ness (PCDW11a Supply and PCDW13/14 Raw Water Deterioration and Taste, Odour and Colour)

Each of these schemes meets one or more of Ofwat's high-profile criteria. They:

- involve large investments (often multi-million pound engineering works),
- address critical outcomes (environmental improvements, regulatory compliance for health or environment),
- often have high technical complexity or novelty,
- enable important regional or national policy goals (like river water quality or net zero),
- have strong stakeholder interest (from local communities, media, regulators, or government), and/or
- carry significant delivery risk (tight timelines or challenging construction).

Ilkley

Inland bathing water designation has made Ilkley a flagship environmental project. The River Wharfe at Ilkley became the first river site in the UK with bathing water status. We are undertaking an extensive programme to reduce our impact on the water quality (including upgrading eight combined sewer overflows and building a nature-based treatment wetland). This scheme is high profile due to significant stakeholder interest, local community campaigns, and its importance for public health and recreation. It's considered a priority by customers, environmental groups, and local businesses in Ilkley's tourism economy. This high profile scheme is part of both PCDWW5 Storm Overflows and PCDWW4 Flow to Full Treatment.

Scarborough

Scarborough is one of Yorkshire's most popular coastal resorts. We are undertaking a major scheme to improve water quality at Scarborough's beaches, including upgrading several key sewer overflows and increasing treatment capacity. This

scheme is high profile due to strong stakeholder interest, local community focus on clean beaches, and its importance Scarborough's tourism economy. It's considered a priority by our customers, environmental regulators, and local businesses in the area, and forms part of PCDWW5 Storm Overflows and PCDWW4 Flow to Full Treatment.

Esholt

Esholt wastewater treatment works (near Bradford) is one of the largest and most complex sites being upgraded to meet the Industrial Emissions Directive (IED). The planned upgrades at Esholt include covering sludge tanks and improving treatment processes to meet tighter air emissions standards. This scheme is considered high profile because of the high degree of regulatory interest, compliance with IED standards is mandatory, and the need to deliver improvements quickly. It is also a high-cost and technically complex project so it carries significant delivery risk. We are working with the Environment Agency to clarify any outstanding requirements to enable us to deliver these at pace. This high profile scheme is part of PCDWW30 IED & Reg Changes.

Kirkbymoorside

In the market town of Kirkbymoorside (North Yorkshire), the Kirkbymoorside wastewater treatment works is being upgraded with advanced phosphorus removal technology to significantly reduce phosphate levels in its effluent. The discharge flows into the River Derwent, and this upgrade will provide habitat protection by reducing the amount of nutrients being added from our processes. This scheme is high profile as the Derwent is a Special Area of Conservation (SAC) and improving river water quality (especially reducing excess phosphorus that causes algal growth and ecological harm) is a major priority for customers, government, and environmental groups. Notably, Kirkbymoorside was chosen as a flagship phosphorus-removal project since it is the most upstream site of a series of upgrades of our wastewater treatment works along the River Derwent– meaning it will provide habitat protection over the greatest length of the river downstream. This high profile scheme is part of PCDWW10 Phosphorus Removal.

Hough Side Works

Hough Side Works is an environmental improvement scheme carried over from the last regulatory period (AMP7) under the Water Industry National Environment Programme (WINEP). At this site we are creating a 4.2ha integrated constructed wetland as a trial to achieve water quality objectives with approval from Defra. Once completed, the wetland will improve water quality in Pudsey Beck, boosting local biodiversity. Hough Side Work's high-profile status comes from the innovative trial we are undertaking to treat the storm overflow.. This high profile scheme is part of PCDWW35 PR19 WINEP Carryover.

Haisthorpe

Haisthorpe Water Treatment Works in East Yorkshire is undergoing a significant water quality improvement project. It is a high profile project for the Drinking Water Inspectorate, with an associated legal instrument and a PCD. This area is also relatively unsupported from the Yorkshire Water GRID and has high demand in peak holiday seasons. Haisthorpe supplies a broad area (near Bridlington), so its performance impacts many customers. This high profile scheme is part of PCDW13/14 Raw Water Deterioration and Taste, Odour and Colour.

East Ness

East Ness Water Treatment Works is a small works in North Yorkshire. This scheme is a complex scheme with new boreholes, new service reservoirs and new distribution mains linking into supply and existing service reservoirs. There is also interest from multiple stakeholders in this scheme and the scheme is required to support Drinking Water Inspectorate outcomes, Water Resource Management Plan outcomes and the PCD. It is also located in an area that is supporting industrial growth. This high profile scheme is part of PCDW11a Supply and PCDW13/14 Raw Water Deterioration and Taste, Odour and Colour .

RAG Ratings

The definitions of the RAGs in the guidance from Ofwat are as follows:

- Green = Performance is on track to meet the PCD output requirements (or WINEP, WRMP, NEP, DWI statutory requirements if earlier). No indication of any factors which may cause performance to deteriorate from PCD requirements in the following years.
- Amber = There is a risk that meeting PCD output requirements (or WINEP, WRMP, NEP, DWI statutory requirements if earlier) is not on track (or there are indications requirements may not be met in the following years), but mitigations are in place to address issues and PCD output target is expected to be achieved by 30 June 2030 (or WINEP, WRMP, NEP, DWI statutory dates if earlier).
- Red = PCD output requirements (or WINEP, WRMP, NEP, DWI statutory requirements if earlier) are not going to be met in full (unless agreed with the EA/NRW/DWI) and there are insufficient mitigations in place to meet the requirements by 30 June 2030 (or WINEP, WRMP, NEP, DWI statutory dates if earlier).

We have engaged Ofwat with regards to the application of the RAG definitions and specifically the statement within the Green category that reads 'no indication of any factors which may cause performance to deteriorate from PCD requirements in the following years'. The inherent challenges associated with programmes mean that there are always going to be risks and issues that could disrupt delivery and require management focus through to completion. Ofwat have subsequently agreed that Companies can apply Green ratings in areas where there is high confidence in the mitigations in place to address these risks.

PCDWW35: PR19 WINEP Carryover

Within our delivery plan, only one PCD has a red RAG rating; PCDWW35 - PR19 WINEP Carryover. This PCD is made up of four individual schemes.

Of these, the Tupton scheme has been successfully completed and signed off by the Environment Agency. The remaining schemes, located across Pudsey Beck, have PCD completion dates of December 2026 and March 2027.

The programme has faced considerable challenges due to the complexity of construction, which has impacted our forecasts beyond the original PCD completion dates. However, all schemes remain on track to be delivered within the current AMP period.

We are actively collaborating with key stakeholders to mitigate risks associated with highway access, land acquisition, planning permissions, and ecological

considerations to ensure successful delivery of the remaining schemes. We are working with the Environment Agency on our delivery profile for these schemes.

Amber RAG Ratings

Our Delivery Plan highlights seven PCDs with an amber RAG rating. Four of these are related to differences in annual profiles or profiles as agreed with other regulators.

- PCDWW3 MCERTs monitoring at emergency sewage pumping station overflows (WINEP/NEP) due to differences in the Delivery Profile from the Ofwat baseline in the Delivery Plan compared to agreement with the Environment Agency (for further information, please see more information in the Appendix for this specific PCD).
- PCDWW24 Sludge storage (cake pads) due to differences in the annual delivery profile between the Final Determination baseline as presented by Ofwat and our delivery profile to meet the overall PCD and statutory dates (for further information, please see more information in the Appendix for this specific PCD)
- PCDWW18 WINEP Investigations due to slight differences in annual delivery profile between the baseline as provided in the Final Determination and our forecasted delivery plan.
- PCDWW4 Flow to Full Treatment due to differences in the annual delivery profile between the Final Determination baseline as presented by Ofwat and our delivery profile to meet the overall PCD and statutory dates (for further information, please see more information in the Appendix for this specific PCD).

Three amber RAG ratings relate to delivery risks or programme maturity.

- PCDB7 Living with Water due to reliance upon third party funding which will impact upon our delivery profile.
- PCDWW34 Greenhouse gas reduction (net zero) due to the maturity of the programme.
- PCDW11a Supply for the element low (and therefore also total) water available for use (WAFU) benefit due to challenges identified in feasibility on one scheme, although alternatives are being considered and developed.

Appendix A - PCD Information

Base PCDs

PCDB1: Mains renewals

Yorkshire Water's delivery plan for PCDB1 aligns with the Final Determination.

The data reported within our delivery plan, includes information on the length of mains renewals funded through wholesale water modelled base allowances only, determined based on the historical sector average renewal rate and those with a poor or very poor condition grade.

Within table DPB2, we have provided further information on the planned expenditure throughout each year of the AMP based on unit cost and planned delivery of kilometres. We aim to deliver at the Final Determination allowance of £300 per metre and this is what we have included in our delivery plan. There is a risk that the mains that are most beneficial to renew may exceed the target unit rate set due to factors such as lane rental costs (not known before PR24) and the techniques to deliver renewal (no spray semi-structural lining). This will be monitored throughout the year and updates provided as part of our PCD progress reporting.

PCDB3: Network reinforcement

Yorkshire Water's delivery plan for PCDB3 aligns with the Final Determination.

On 27 March 2025, we provided Ofwat with a list of schemes that will make up the requirements for reinforcing the network to accommodate growth in Yorkshire. The total proposed expenditure on the list of schemes provided is greater than the expenditure allowances in the PR24 Final Determination. The listed schemes represent our current understanding based on the best available information. However, there is potential that these may change over the next five years to align with development proposals in the Yorkshire region and with evolving requirements as planning progresses. For this reason, our delivery plan is presented as aligned with the Final Determination. We will continue to report on progress and any changes against Final Determination or against the list of schemes provided within our annual PCD and APR reporting.

PCDB7: Flood management - living with water (LWW)

Yorkshire Water's delivery plan for PCDB7 aligns with the Final Determination. This PCD focusses on the delivery of blue-green infrastructure, including innovative blue-green corridors. The installations require acceptance from all partners, agreement with wider stakeholders and acceptance from our customers.

Wastewater PCDs

Wastewater Flow and Monitoring PCDs

PCDWW2: Continuous river water quality monitoring (CWQM)

Yorkshire Water's delivery plan for PCDWW2 aligns with the Final Determination.

Continuous river water quality monitoring is required as a result of Section 82 of the Environment Act, which requires companies to monitor water quality in real time upstream and downstream of eligible storm overflows. We need to complete 25% of these installs in AMP8 and the remainder will be installed in AMP9. We are currently working with procurement on an outsourced installation and maintenance contract to fulfil this requirement in AMP 8.

PCDWW3: WINEP Monitoring Certification Scheme (MCERTs) monitoring at emergency sewage pumping station overflows

Yorkshire Water's delivery plan for PCDWW3 does not align with the Final Determination.

The baseline plan as provided by Ofwat shows outputs from Year 1 of the AMP, whereas the published FD shows the outputs by Year 5. In our Delivery Plan, in the output and forecast table we have presented the annual delivery profile.

There is an slight increase in the number of EDM only schemes and in the number of EDM + PFF + civils schemes. There is a decrease in the number of EDM + PFF schemes. Overall, there is an increase in overall scheme numbers by 10. The numbers provided in our output and forecast annual delivery profile in table DPWW1 reflect those provided by the Environment Agency in the June 2025 version of the U_MON6 PR24 Priority site list. This includes the addition of 10 schemes and changes between scheme types. We are expecting this profile to be reflected into WINEP when it is next updated, and as such we have included this version in our PCD final delivery plan output profile.

The above is an estimate from the Environment Agency at this time, and has a reasonable degree of uncertainty. Until we have completed our surveys we do not have a more granular view of scheme types or costs. As we proceed through the programme we will provide further updated information as required. Due to this uncertainty, we have not updated our expenditure profile in Table DPWW2 to match the shift in scheme types. We have maintained the overall allowance from the Final Determination within each scheme type, but have re-phased the spend to the output profile. We will look to refine this as we work through the programme.

Wastewater Other WINEP PCDs

PCDWW18: WINEP Investigations (wastewater)

Yorkshire Water's delivery plan for PCDWW18 aligns with the Final Determination, although there is a slight change in the annual delivery profile. The annual profile provided in our plan aligns with information submitted as part of the Environment Agency's Decision Making Framework (DMF) and meets regulatory dates.

Wastewater Bioresources PCDs

PCDWW24b: Sludge storage (cake pads)

Yorkshire Water's delivery plan for PCDWW24b aligns with the Final Determination although there is a change in the annual delivery profile.

We have identified an error in our PR24 Business Plan tables, which presented that full cake storage area would be delivered in Year 2 on AMP8. We have updated table DPWW1 to show our latest forecast delivery plan, which still meets the overall PCD and Environment Agency statutory obligation dates.

The interim milestones present 2 schemes, covering flood pad storage and pad storage. These two schemes will deliver the outputs required. As we complete our investigations throughout 2025/26, we will obtain further detail and these schemes may be split down further. We will update our progress as part of our regular reporting.

PCDWW30: Bioresources - Industrial Emissions Directive (IED) and Reg changes

Yorkshire Water's delivery plan for PCDWW30 aligns with the Final Determination, although there is a change in the annual delivery profile.

Our Delivery Plan sets out all deliverables to be completed by 2029/30 with EA improvement conditions completed at each site on time. Please note, we are actively in discussion with the EA regarding the requirements to achieve the improvement conditions and as a result, there are likely to be changes in the interim milestones and expenditure profile as we move through the AMP.

We are also actively engaging with the EA on plans to close digestion plants on three sites (Aldwark, Caldervale and Lundwood) in 2027/28. This would amend the spend profile and delivery profile and we will keep Ofwat updated on any changes in our progress reporting. As these changes are not confirmed, we have presented our Delivery Plan as aligned with the Final Determination. AMP7 expenditure relating to this activity is not included in the Delivery Plan tables.

There are currently up to three schemes per IED site covering varying elements (minor works, containment, tanks and odour and/or combined heat and power abatement). The interim milestones are based on the first date in any of the three schemes for

mobilisation, investigation or delivery funding approval and for start on site. The Final date is the projected date for the last scheme to be completed. PCD completion has been left as the last date of the AMP as there is a high likelihood of required scope change to meet IED on the current schemes.

Wastewater Other PCDs

PCDWW32: Wastewater Resilience – Power and Flood Resilience

Yorkshire Water's delivery plan for PCDWW32 aligns with the Final Determination. An annual profile has not yet been provided and we will provide this as required by May 2026.

Wastewater Scheme Level PCDs

PCDWW5: Storm Overflows

Yorkshire Water's delivery plan for PCDWW5 aligns with the Final Determination.

PCDWW4: Flow to Full Treatment

Yorkshire Water's delivery plan for PCDWW4 aligns with the Final Determination, although there is a change in the annual delivery profile. There are three schemes under this PCD and the updated delivery profile supports the activity being completed on these schemes through the next five years, aligned with the interim milestones that are presented in the plan. We would like to review the baseline profile provided by Ofwat to align with the latest Delivery Plan forecast, based on three sites included as part of this PCD but a four stage percentage cumulative increase, meaning that the delivery profile could not meet the baseline presented.

PCDWW10: Phosphorus Removal

Yorkshire Water's delivery plan for PCDWW10 aligns with the Final Determination.

PCDWW27: Growth to Sewerage Treatment Works

Yorkshire Water's delivery plan for PCDWW27 aligns with the Final Determination for DPWW1, and provides an updated delivery and expenditure profile in DPWW2-4 which aligns to the full FD expenditure over the AMP.

Growth schemes are closely tied to Phosphorous and in order to deliver as efficiently as possible, where both schemes exist on the same site, these will be delivered simultaneously. The current output and expenditure profiles therefore have weighting

towards the outer years in the AMP, with expenditure in year 1 largely focussed on investigations.

As for network reinforcement (PCDB3), growth schemes are also influenced by planned developments within the region. Schemes progress when we have high confidence that they are required, and we are investing in the right places. As such, there is potential that the schemes we have currently identified may need to change over the next five years. The data we have provided therefore represents our best understanding at the current time.

As requested by Ofwat, we have provided our annual delivery forecast in Table DPWW1. However, this output is presented as zero until Year 5. Whilst the schemes start in earlier years, as shown by the interim milestones and scheme-level data, completion of the PCD is expected by 31/03/2030. As we gain momentum and a better understanding of developments within the catchment, we will continue to further refine the PCD completion dates and update our interim milestones and DPWW1 tables as required, explaining changes between submissions if required.

PCDWW12: Treatment for tightening of sanitary parameters

Yorkshire Water's delivery plan for PCDWW12 aligns with the Final Determination.

As requested by Ofwat, we have provided our annual delivery forecast in Table DPWW1. However, this output is presented as zero until Year 5. Whilst the schemes start in earlier years, as shown by the interim milestones and scheme-level data, completion of the PCD is expected by 31/03/2030. The interim milestones provided support our Delivery Plan in meeting the outputs of the Final Determination and this PCD.

As we gain momentum and a better understanding of developments within the catchment, we will continue to further refine the PCD completion dates and update our interim milestones and DPWW1 tables as required, explaining changes between submissions if required.

WINEP Carry Over PCDs

PCDWW35: PR19 WINEP Carryover actions

Yorkshire Water's delivery plan for PCDWW35 does not aligns with the Final Determination.

This PCD is made up of four individual schemes. Of these, the Tupton scheme has been successfully completed and signed off by the Environment Agency. The remaining schemes, located across Pudsey Beck, have PCD completion dates of December 2026 and March 2027.

The programme has faced considerable challenges due to the complexity of construction, which has impacted our forecasts beyond the original PCD completion dates. However, all schemes remain on track to be delivered within the current AMP period.

We are actively collaborating with key stakeholders to mitigate risks associated with highway access, land acquisition, planning permissions, and ecological considerations to ensure successful delivery of the remaining schemes. We are working with the Environment Agency on our delivery profile for these schemes.

Net Zero PCDs

PCDWW34: Greenhouse gas reduction (net zero)

Yorkshire Water's delivery plan for PCDWW34 aligns with the Final Determination, with an update on the annual delivery profile on number of sites, ensuring we meet our emissions reduction target.

At present our delivery plan for net zero is still being developed. In order to deliver this PCD as efficiently as possible we plan to utilise, wherever possible, contract partners delivering existing schemes on site to also deliver the methane and nitrous oxide emissions reduction schemes. As such the order of schemes to be delivered will be developed from our wider capital programme which, at the time of writing, is still being refined.

Water PCDs

Water WINEP PCDs

PCDW8: Water WINEP/NEP Investigations

Yorkshire Water's delivery plan for PCDW8 aligns with the Final Determination, with an update on the annual delivery profile to align delivery of these investigations by the specified dates in the WINEP.

Water Quality PCDs

PCDW13&14: Raw Water Deterioration and Taste, Odour and Colour

Yorkshire Water's delivery plan for PCDW13&14 aligns with the Final Determination.

We have presented a different profile for our expenditure baseline in the Delivery Plan table DPW2. This includes expenditure on early start and the AMP8 expenditure allowance phased throughout AMP8. In our Delivery Plan, we have presented actual expenditure for 2023/24 and 2024/25 (in 2022/23 price base) and then rephased the remaining AMP8 expenditure in line with the outputs being delivered.

The interim milestones provided support our Delivery Plan in meeting the outputs of the Final Determination and this PCD. As with all major capital delivery projects, there are some identified risks that we are currently mitigating, particularly concerning planning application timelines. Following on from our lessons identified in AMP7, we are collaborating closely with local planning authorities to ensure early consultations and enhance timelines.

We have provided interim milestones on five schemes supporting the seven legal instruments associated with this PCD. We have not included PFAS and lead strategy into the interim milestones in our plan. These two schemes are to be delivered in 2031/32.

PCDW15: Lead

Yorkshire Water's delivery plan for PCDW15 aligns with the Final Determination.

Water Resilience and Security PCDs

PCDWW32: W Resilience CC Uplift

Yorkshire Water's delivery plan for PCDWW32 aligns with the Final Determination. An annual profile has not yet been provided and we will provide this as required by May 2026.

PCDW17b: Cyber

Yorkshire Water's delivery plan for PCDW17b aligns with the Final Determination.

There is one legal instrument associated with this PCD. The deadline for Yorkshire Water to submit a satisfactory completion report, evidencing successful completion of the requirements of this notice is 30 April 2031. Interim milestones have been provided supporting our delivery of this PCD.

PCDW17a: SEMD

Yorkshire Water's delivery plan for PCDW17a aligns with the Final Determination.

There are two legal instruments covering this PCD. Interim milestones have been provided supporting our delivery of this PCD.

Water Supply and Demand Balance PCDs

PCDW12: Metering

Yorkshire Water's delivery plan for PCDW12 aligns with the Final Determination. It should be noted that the expenditure associated with this PCD contains both base and enhancement expenditure. This then has a knock on impact into the overall enhancement spend costs at the bottom of the Delivery Plan table.

PCDW11a: Supply

Yorkshire Water's delivery plan for PCDW11a aligns with the Final Determination. In our Delivery Plan, we have slightly rephased the annual expenditure to account for forecasted spend in the first few years of AMP8 and to account for early start expenditure. Information on interim milestones has been provided in support of our plans to meet this PCD.