PCD Data Assurance Feedback



Summary

Project No.		Project Description			Task		
B245773G		Suffolk Strategic Network and Storage Enhancements Detailed Design Scheme 2		PCD assu	PCD assurance		
Company	Ref	Short description		Risk sc	ore	Reported Performance for PCD	
Northumbria n Water		Detailed design of Suffolk Strate Enhancements and Lowestoft Recompany's dWRMP24 preferred forward delivery by two years to respectively. Detailed design and go beyond standard investigation funded through base expenditural lowances cover solution design ensuring sufficient evidence for planning frameworks and busing	A		30%		
Findings Summary		Commissioning and conthe DCO programme, policy issues: The design capacity of use (WAFU) gain, but the been approved by Ofwator is only desk based assessing the conceptual design is not agreements on land	ments are complete, no other has been carried out so far. have been made yet. he penalties with the associa	n 2033. The ject. s 15 Ml/d c The split ir	ere are dry yea n desig nave be	many unknowns in r water available for n capacity has not en complete.	
Emerging risks/issues		No emerging risks were identified that may impact future reporting NWL is reporting correctly however there are risks to the delivery of the project.					
Date of audit	Jacobs Team		Client Team				
28/04/2025	Rose Walton	& Graham Hindley	Andy Sefton, Daniel Wilson				
Revision	Date	Description		Author	Check	ed Reviewed	
1.0	04/06/2025	Feedback sent		RW	GDH	SH	

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Risk Scores

Score	Meaning				
А	Low reporting risk – criteria are fully met (no weaknesses in the methodology - no actions)				
В	Low to medium reporting risk – criteria are not fully met (weaknesses exist but they are not material - must have action)				
С	Medium to high reporting risk – criteria are only partially met (material weakness or several minor weaknesses with material effect).				
D	High reporting risk – criteria are not met (two or more material weaknesses in the methodology).				
NA	Not audited as it was outside our scope				

Guidance on risk and materiality:

The score reflects the level of reporting risk for the process and is based on the overall opinion of the auditors. In general, a weakness is material if it has the potential to impact the quality of the reported number to a greater degree than assumed by the confidence grade. All weaknesses (material and non-material) are described below (issues) and have been given a corresponding action.



Issues and Actions

No actions.

Ref	PCD Reference	Issue	Action	Impact (Material or non- material)



Test 1 – Detailed Design, Output Measurement and Reporting

eria below			
			Α
	Y, N or NA	Notes	
Does the design capacity of the strategic pipeline deliver15 Ml/d dry year water available for use (WAFU) gain?	Υ	Yes, although there has been a change to split, as described below, they equal 15 Ml/d.	
16		3	
Hartismere WRZ (8.5 Ml/d) and Blyth WRZ (6.5Ml/d).	N	There has been a slight change to the split. It has been changed to 8 Ml/d (Barsham) and 7 Ml/d (Saxmundham) but still equates to 15. This is currently being presented as part of solution models to NWL and there are some pending comments from NWL. This hasn't yet gone to Ofwat for approval.	
Have the relevant surveys and reports been completed? Please list these in the notes.	N	Within the WRMP, Holton is noted as thas been changed to Lodgewood, as a screenshots for the reasoning. Due to Lodgewood, there are no rail crossing at Sizewell C power station, but this fall Ecology surveys have not started and Development Consent Order (DCO) pr	more efficient solution. See the changed location, now s. There are railway crossings ls outside the WRMP scope.
		An engagement strategy has been set walkovers, for purposes such as land a	
		underway. All desk based assessments are completeservoirs have received a RAG score. Solution of the second state of the second	See screenshots for evidence.
Lieus the galaxant agreement and	N	<u> </u>	
approvals been granted? Please list these in the notes	IN	This will be confirmed following statut 2026.	ory consultation in March
		Once the scheme is classified as a DCC will have powers to have agreement ar compulsory purchase order.	
Has the relevant internal assurance been completed? Please demonstrate this. N NWL will be doing their own assurance. This is taking place parallel in stage 2 report. This is an additional assurance, drawn DCO process. Progress is reported monthly to steering boat there is evidence of the steering board meeting from the 2-October 2024. See screenshot section for evidence.		ditional assurance, due to nthly to steering board and I meeting from the 24 th	
	pipeline deliver15 Ml/d dry year water available for use (WAFU) gain? If so, is that split correctly between Hartismere WRZ (8.5 Ml/d) and Blyth WRZ (6.5Ml/d). Have the relevant surveys and reports been completed? Please list these in the notes. Have the relevant agreements and approvals been granted? Please list these in the notes	pipeline deliver15 Ml/d dry year water available for use (WAFU) gain? If so, is that split correctly between Hartismere WRZ (8.5 Ml/d) and Blyth WRZ (6.5 Ml/d). Have the relevant surveys and reports been completed? Please list these in the notes. N Have the relevant agreements and approvals been granted? Please list these in the notes N Has the relevant internal assurance been completed?	pipeline deliver 15 MI/d dry year water available for use (WAFU) gain? See the screenshot section for a high I fso, is that split correctly between Hartismere WRZ (8.5 MI/d) and Blyth WRZ (6.5MI/d). Have the relevant surveys and reports been completed? Please list these in the notes. N Within the WRMP, Holton is noted as that been changed to Lodgewood, as a screenshots for the reasoning. Due to Lodgewood, there are no rail crossing at Sizewell C power station, but this fall Ecology surveys have not started and a Development Consent Order (DCO) procoss. All desk based assessments are completed walkovers, for purposes such as land a underway. All desk based assessments are completes walkovers, for purposes such as land a underway. All desk based assessments are completes walkovers, for purposes such as land a underway. No other surveys are complete. No other surveys are complete. No agreements have been made on la This will be confirmed following statut 2026. Once the scheme is classified as a DCC will have powers to have agreement at compulsory purchase order. No WL will be doing their own assurance been completed? Please demonstrate this.

1.6	Has the delivery of the outputs been reported and monitored through the existing APR process ?	Y	Progress is reported monthly to the Steering Board and there is evidence of the Steering Board meeting from the 24 th October 2024. See screenshot section for evidence.

Additional Guidance

 $\underline{https://www.ofwat.gov.uk/wp\text{-}content/uploads/2023/04/Appendix-2-Accelerated-Delivery-Project-Final-Decisions-2023.pdf}$

Detailed Observations to justify assurance decisions

To enable a person not involved in audit to understand the risk scores allocated above. Include screenshots and document references as appropriate.

See screenshots.

Test 2 - Conditions of scheme

Audit	Test		Risk Score (A, B, C or D)	
See c	riteria below		A	
Criteri	ia	Y, N or NA	Notes	
2.1	Is the company on track to deliver its PR19 water enhancement programme in full?	Y	The ESW WRMP19 included just one new water supply scheme which was the Abberton to Langford Pipeline. This scheme was delivered prior to the PR19 Business Plan regulatory deadline of 31 March 2025. The scheme will allow Abberton reservoir raw water to be transferred to Langford WTW bankside storage for treatment at Langford WTW.	
2.2	Have all PR19-funded benefits been delivered on time as expected to meet the supply-demand balance?	Y	As above.	
2.3	Are the updated timings of the benefits of this scheme (WAFU) including any implications for the rest of the programme consistently taken account of in the company's final WRMP24?	N	WRMP24 was published in October 2024. Progress with WRMP24 supply scheme delivery will be tracked by the following groups / meetings: • Water Service Planning Leadership Team • Quarterly ESW / Environment Agency Liaison Meeting • Quarterly Environment Agency / ESW Senior Managers (Directors) Meeting. • AMP8 Water Resources Scheme Steering Group - chaired by Monisha Gower (NWL Assets Director) Regulators will be formally updated on any variance to delivery of WRMP24 supply schemes via the WRMP24 Annual Review report which is submitted to Defra, EA and Ofwat by 30 June each year. Water Resources is responsible for maintaining an up to date supply demand balance for each ESW water resource zone. Updates to the supply demand balance will be made annually to take account of outturn and progress with supply and demand management schemes and if and when scheme delivery dates change. We noted that the original completion date was March 2029. The team indicated that commissioning and completion is currently expected by 2033.	
2.4	Have any components of this scheme been excluded from future WRMPs? If so, has the company ceased work on those elements immediately with no further work being funded?	N	The scheme will be included in the future WRMPs as it will deliver required WAFU.	

https://www.ofwat.gov.uk/wp-content/uploads/2023/04/Appendix-2-Accelerated-Delivery-Project-Final-Decisions-2023.pdf

Test 3 – Forecast Deliverables

Audit	Test			Risk Score (A, B, C or D)
Have	the data checks identified any	issues?		Α
Criter	ia	Y, N or NA	Notes	
Have the outputs specified by 31 March 2025 been met? If not, can this been explained?		N	Ofwat target for 2024/25 is 60% progress on deliverables for the scheme. NWL estimates 30% at the present time.	
	Have the outputs specified by 31 March 2027 been met? If not, can this been explained?	N	There is a large amount of uncertainty. E.g the tender proon decisions on the procurement strategy. Statutory consultation will take place in April 2027.	cess is to be decided based
3.2			DCO submission of planning, falls outside dates (2028). A be reviewed before then.	All of EIA screening etc. will
			In terms of expenditure, the overall value is £130m. NWG and forecast £8.7m by 2027 (forecasting includes the ne C). NWL is currently on track with expenditure.	
3.3	Has the scheme's detailed design and planning met the required percentage completion for each associated year? If not, can this be explained?	N	No, as only the conceptual design has been completed so	o far.

Additional Guidance

 $\underline{https://www.ofwat.gov.uk/wp\text{-}content/uploads/2023/04/Appendix-2-Accelerated-Delivery-Project-Final-Decisions-2023.pdf}$

Test 4 – Forecast benefits

Audit	Test	Risk Score (A, B, C or D)			
See c	riterion below			Α	
Criteria		Y, N or NA	Notes		
4.1	Does the detailed design of the strategic pipelines meet the forecasted WAFU delivery?		15 Ml per day is the forecast WAFU, however the scheme meet the delivery date set out in Ofwat's AID document.	is not currently expected to	
Additi	onal Guidance				
https:	//www.ofwat.gov.uk/wp-content/	uploads/2023/	04/Appendix-2-Accelerated-Delivery-Project-Final-Decision	ons-2023.pdf	



Document reference

Test 5 – Data Checks (record of checks made)

No data to check – audit was an overview of the project and the current status/progress.

Document reference		Details of cricer	T mangs
Sample Checks - approa	ach		
(consider – level of samp significant over/under po [Risk-based sample chec	oling already undertaken by the c erformance, ODI value)	PCD back to source (internal company source	commendations for further sampling: process, significance of measure, number of errors found, time available, e data only). Assurance should prioritise PCDs which cover a larger
We sample checked the	following items back to source	2:	
Unique identifier	Source of data	Details of check	Findings

Details of check

Detailed Observations to justify assurance decisions

To enable a person not involved in audit to understand the risk scores allocated above. Include screenshots and document references as appropriate.

Additional Notes

Information on reporting process, assumptions, etc. to enable a person not involved in audit to understand the risk scores allocated above. Include **screenshots** and document references as appropriate

Record of Evidence Reviewed

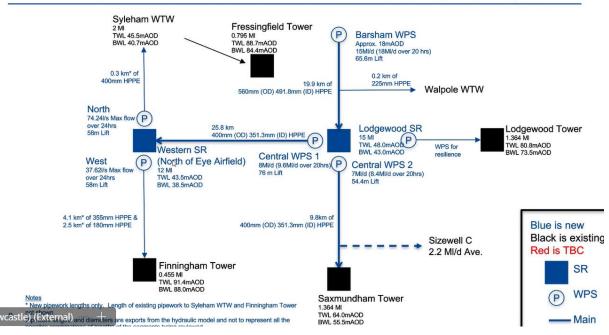
List of all documents reviewed as part of the audit:

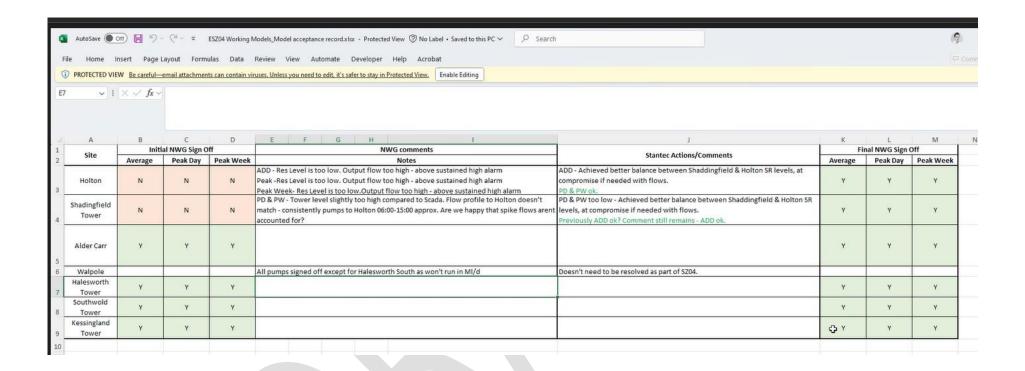
- 1. Network schematics
- 2. Risk register for asset locations
- 3. Project programme
- 4. Steering Board minutes

Screenshots

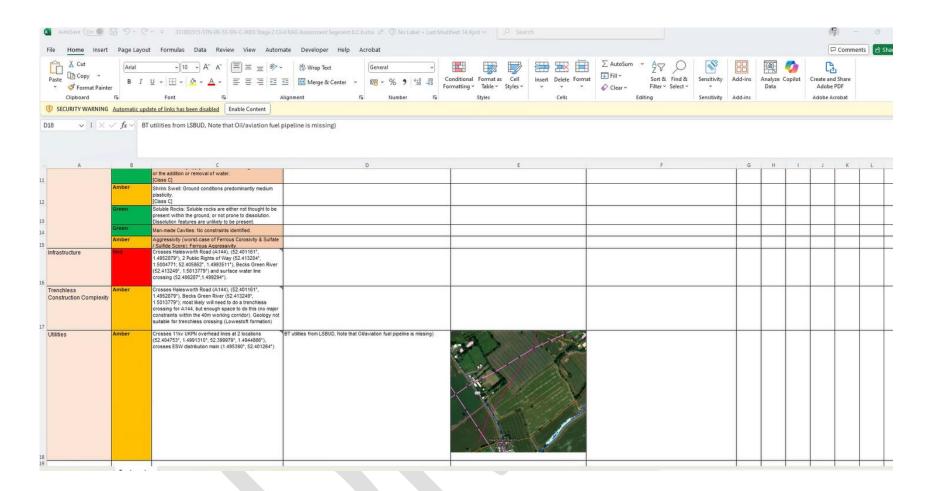
HIGH LEVEL NETWORK SCHEMATIC

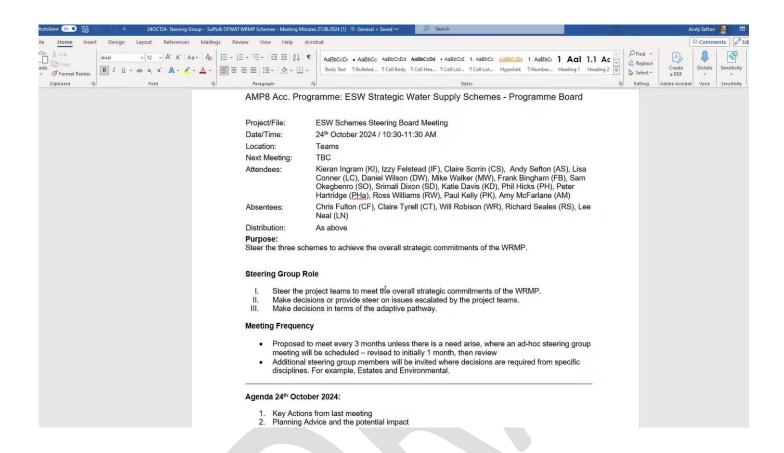
SUFFOLK STRATEGIC NETWORK & STORAGE ENHANCEMENT (23/04/2025)

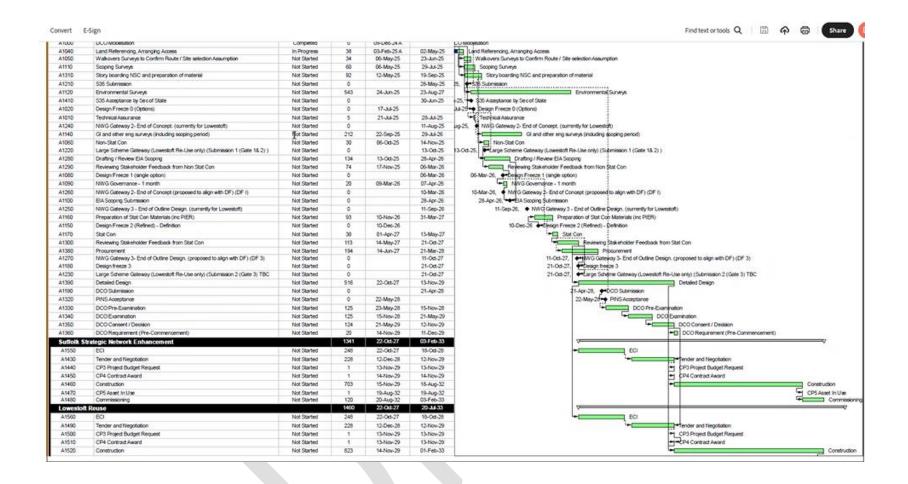




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