

UUW100

Data Tables Variant commentary

October 2023

Data Table Commentaries

This document provides a commentary and supporting information for the WINEP variant PR24 data tables

Executive Summary

1.1 Overarching commentary

- 1.1.1 The requested data tables have been provided to reflect the variants as described in the enhancement document *UUW43_WINEP_Optimisation*.
- 1.1.2 All appropriate lines in the requested tables have been completed to reflect these variants, the exceptions being:
- We do not have enough information on the detail of the potential UV upgrade at Wigan WwTW due to the increase in pass forward flow as part of the Pennington Flash solution in variant B and C to make any updates to CWW7b; and
 - CWW20.47 has not been changed in any scenario as the data used is of low confidence. This low confidence grade is discussed in the CWW data table commentary.
- 1.1.3 Please note that this is a limited set of data tables. There would be further impacts to other tables dependent on the variant.

1.2 Totex commentary

- 1.2.1 As requested included within this submission are alternative versions of CWW3, CWW9 and CWW19 for each of the different variants. If a full submission was made for these variants we would also expect the following cost tables to be impacted, CWW1, CWW1a, CWW10, CWW12, CWW13, and CWW14.
- 1.2.2 Table 1, Table 2 and Table 3 below summarise the net impacts to CWW3, CWW9 and CWW19 for each new variant, all numbers are pre-frontier shift and real price effects.

Table 1 Net impacts of variant B

Variant	Scheme Changes	CWW3 (£m)	CWW9 (£m)	CWW19 (£m)	Comments
B	Replacement of DPC scheme for Manchester Ship Canal BOD with non-DPC delivery	2.780	300.200	0.000	This would require changes to Transitional Investment CWW12 CWW9 impact is lower than CWW3 as the variant solution costs are all in AMP8, whereas the original DPC total project cost includes AMP9 spend
	Delivery of Pennington flash overflows and removal of Investigations	644.115	644.115	0.000	
Total		946.895	944.315	0.000	

Table 2 Net impacts of variant C

Variant	Scheme Changes	CWW3 (£m)	CWW9 (£m)	CWW19 (£m)	Comments
C	Replacement of DPC scheme for Manchester Ship Canal BOD with non-DPC delivery	302.780	300.200	0.000	This would require changes to Transitional Investment CWW12 CWW9 impact is lower than CWW3 as the variant solution costs are all in AMP8, whereas the original DPC total project cost includes AMP9 spend
	Delivery of Pennington flash overflows and removal of Investigations	644.115	644.115	0.000	
	Adaptive plan for Davyhulme BOD delivering 8 BOD solution	-751.108	-751.108	0.000	Changes to CWW9 will be a growth in 2027-28 of £53.8m and a decrease of £804.9m in 2029-30, due to the adaptive plan solution delivering earlier.
Total		195.787	193.207	0.000	

Table 3 Net impacts of variant D

Variant	Scheme Changes	CWW3 (£m)	CWW9 (£m)	CWW19 (£m)	Comments
D	Replacement of DPC scheme for Manchester Ship Canal BOD with non-DPC delivery	302.780	300.200	0.000	This would require changes to Transitional Investment CWW12 CWW9 impact is lower than CWW3 as the variant solution costs are all in AMP8, whereas the original DPC total project cost includes AMP9 spend
	Wigan / Skelmersdale project delivered in AMP9 by DPC	-323.447	-353.065	-318.647	This scenario effectively removes the scheme from CWW9 as it is no longer delivered in AMP8. CWW19 differs to CWW3 as it includes AMP9 costs
	Adaptive plan for Davyhulme BOD delivering 8 BOD solution	-751.108	-751.108	0.000	Changes to CWW9 will be a growth in 2027-28 of £53.8m and a decrease of £804.9m in 2029-30, due to the adaptive plan solution delivering earlier.
Total		-771.775	-803.973	-318.647	

United Utilities Water Limited
Haweswater House
Lingley Mere Business Park
Lingley Green Avenue
Great Sankey
Warrington
WA5 3LP
unitedutilities.com



Water for the North West