

**Table B5.5S - Wastewater – supply/demand balance expenditure projections: line definitions**

**Block A – Wastewater Efficiency profiles**

1	Overall compounded assumed improvement profile (capex enhancements infrastructure and non infrastructure)	% (2dp)
<b>Full line title</b>	Overall compounded assumed improvement profile (capex enhancements infrastructure and non-infrastructure - wastewater)	
<b>Definition</b>	Projected annual reductions in capital enhancement expenditure on infrastructure and non-infrastructure assets compared to projected levels based on the current Scottish Water unit cost database.	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

2	Overall compounded capex improvement profile	£m (3dp)
<b>Full line title</b>	Overall compounded capex improvement profile	
<b>Definition</b>	Overall compounded capex improvement profile (capex enhancements infrastructure and non-infrastructure)	
<b>Processing rules</b>	Calculated field: Line 1 multiplied by the total of lines 9 and 14	
<b>Reference</b>	New	

**Block B – Wastewater service SDB – capital expenditure infrastructure**

5	Capex growth - sewage treatment (infrastructure)	£m (3dp)
<b>Full line title</b>	Wastewater Supply/demand balance: capex – sewage treatment infrastructure (growth)	
<b>Definition</b>	Capital expenditure on infrastructure assets associated with meeting or offsetting changes in demand from new and existing customers at sewage treatment works and sludge treatment centres. These costs should be consistent with the Q&SIII programme. Note: This capital expenditure should exclude expenditure relating to the provision of local distribution assets to provide a sewerage service to new customers. This expenditure should be reported under line 7: capex new development - sewerage (infrastructure)	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

6	Capex growth - sewerage (infrastructure)	£m (3dp)
<b>Full line title</b>	wastewater supply/demand balance: capex – sewerage infrastructure (growth)	
<b>Definition</b>	Capital expenditure on the sewerage network infrastructure assets associated with changes in sewage collected from new and existing customers while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme. Note: This capital expenditure should exclude expenditure relating to the provision of local distribution assets to provide a sewerage service to new customers. This expenditure should be reported under line 7: capex – new development.	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

7	Capex new development - sewerage (infrastructure)	£m (3dp)
<b>Full line title</b>	Wastewater Supply/demand balance: capex – new development infrastructure (sewerage)	
<b>Definition</b>	The gross capital costs associated with the provision of local distribution infrastructure assets to provide sewerage for new customers with no net deterioration of existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

8	Capex sub total – sewerage (infrastructure)	£m (3dp)
<b>Full line title</b>	Wastewater Supply/demand balance: capex - sub total sewerage (infrastructure)	
<b>Definition</b>	Gross capital expenditure for the provision of infrastructure assets for sewerage to provide services for new customers, to accommodate increased use of sewerage services by existing customers and the potential impact of climate change, while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Calculated field: The sum of lines 5, 6, and 7	
<b>Reference</b>	New	

9	Capex total net of efficiency - sewerage (infrastructure)	£m (3dp)
<b>Full line title</b>	Wastewater Supply/demand balance – total capex net of efficiency – sewerage (infrastructure)	
<b>Definition</b>	Gross capital expenditure, net of efficiency, for the provision of infrastructure assets for sewerage to provide services for new customers, to accommodate increased use of sewerage services by existing customers and the potential impact of climate change while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Calculated field: Line 8 multiplied by (1 - line 1 divided by 100).	
<b>Reference</b>	New	

**Block C - Wastewater service SDB – capital expenditure non-infrastructure**

10	Capex growth – sewage treatment (non-infrastructure)	£m (3dp)
<b>Full line title</b>	Wastewater Supply/demand balance: capex – sewage treatment non-infrastructure (growth)	
<b>Definition</b>	Capital expenditure on non-infrastructure assets associated with meeting or offsetting changes in demand from new and existing customers at sewage treatment works and sludge treatment centres. These costs should be consistent with the Q&SIII programme. Note: This capital expenditure should exclude expenditure relating to the provision of local distribution assets to provide a sewerage service to new customers. This expenditure should be reported under line 12: capex new development - sewerage (non-infrastructure)	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

11	Capex growth – sewerage (non-infrastructure)	£m (3dp)
<b>Full line title</b>	Wastewater Capex growth - sewerage non-infrastructure (growth)	
<b>Definition</b>	Capital expenditure on non-infrastructure assets associated with meeting or offsetting changes in demand from new and existing customers, while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme. Note: This capital expenditure should <u>exclude</u> expenditure relating to the provision of local assets to provide a wastewater service to new customers. This expenditure should be reported under line 12: capex – new development – sewerage (non-infrastructure).	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

12	Capex new development - sewerage (non-infrastructure)	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance: capex – new development non-infrastructure (sewerage)	
<b>Definition</b>	The gross capital costs associated with the provision of local distribution non-infrastructure assets to provide sewerage services for new customers with no net deterioration of existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

13	Capex sub total – sewerage (non-infrastructure)	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance: capex - sub total sewerage (non-infrastructure)	
<b>Definition</b>	Gross capital expenditure for the provision of non-infrastructure assets for sewerage to provide services for new customers, to accommodate increased use of sewerage services by existing customers and the potential impact of climate change, while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Calculated field: The sum of lines 10, 11, and 12	
<b>Reference</b>	New	

14	Capex total net of efficiency - sewerage (non-infrastructure)	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance – total capex net of efficiency – sewerage (non-infrastructure)	
<b>Definition</b>	Gross capital expenditure, net of efficiency, for the provision of non-infrastructure assets for sewerage to provide services for new customers, to accommodate increased use of sewerage services by existing customers and the potential impact of climate change while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Calculated field	
<b>Reference</b>	New	

**Block D - Wastewater service SDB – capital contributions**

15	Developer and other contributions	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance – requisitions and other contributions for the wastewater service	
<b>Definition</b>	A projection of anticipated requisitions and anticipated capital contributions to be invited as commuted lump sums received for the wastewater service.	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

16	Grants	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance – Grants for the wastewater service	
<b>Definition</b>	All grants received, approved and anticipated net of associated costs of securing the grant for the wastewater service.	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

17	Infrastructure charges	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance: infrastructure charges.	
<b>Definition</b>	Anticipated revenues from infrastructure charges, which should equate to the multiple of the number of connections for domestic purposes, the proposed standard infrastructure charges and the effect of any scaling factor.	
<b>Processing rules</b>	Input field	
<b>Reference</b>	New	

**Block E - Wastewater service SDB – changes in operating expenditure**

18	Opex growth – sewage treatment	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance: opex- Sewage treatment (growth)	
<b>Definition</b>	The adjustments made to base operating expenditure in 2003-04 for sewage and sludge treatment associated with changes to sewage collected from new and existing customers while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Input field:	
<b>Reference</b>	New	

19	Opex growth – sewerage	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance: opex – sewerage (growth)	
<b>Definition</b>	The adjustments made to base operating expenditure in 2003-04 for sewage conveyance associated with changes to volumes collected from new and existing customers while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Input field:	
<b>Reference</b>	New	

20	Opex new development – sewerage	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance: opex – new development (sewerage)	
<b>Definition</b>	The adjustments made to base operating expenditure in 2003-04 as a result of additional capital costs associated with the provision of local distribution assets to provide sewerage services for new customers with no net deterioration of existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Input field:	
<b>Reference</b>	New	

21	Opex - metering – sewerage	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance: opex – metering (sewerage service)	
<b>Definition</b>	The additional operating expenditure associated with the total number of meters options including selective meters installed at properties in each year. Include meters installed at properties fitted in any location (eg internal, external in garden, external at boundary, etc.). Include only those meters which have been installed free of charge to the customer and which are used to determine a customer’s bill. These costs should be consistent with the Q&SIII programme	
<b>Processing rules</b>	Input field:	
<b>Reference</b>	New	

22	Opex sub total – wastewater	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance – sub total opex	
<b>Definition</b>	The adjustments to base operating expenditure in 2003-04 due to growth related capital expenditure and capital investment for new development and the potential impact of climate change while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Calculated field: the sum of lines 18, 19, 20 and 21	
<b>Reference</b>	New	

23	Overall compounded assumed improvement profile (opex base)	% (2dp)
<b>Full line title</b>	Assumed overall improvement profile for water service base operating expenditure efficiency - wastewater	
<b>Definition</b>	The overall cumulative improvement in water service base operating efficiency resulting from catch-up in relative efficiency plus minimum improvements achievable by efficient companies.	
<b>Processing rules</b>	Copied field: Table B2.1W line 2	
<b>Reference</b>	New	

24	Overall compounded assumed improvement profile (opex enhancements)	£m
<b>Full line title</b>	Overall compounded assumed improvement profile (opex enhancements)	
<b>Definition</b>	Overall compounded assumed improvement profile (opex enhancements)	
<b>Processing rules</b>	Line 23 multiplied by line 22	
<b>Reference</b>	New	

25	Opex total net of efficiency – wastewater	£m (3dp)
<b>Full line title</b>	Wastewater supply/demand balance: total opex net of efficiency	
<b>Definition</b>	The adjustments made to base operating expenditure, in 2003-04 net of efficiency, associated with the provision of services for new customers and to accommodate increased use of sewerage services by existing customers and the potential impact of climate change while maintaining existing levels of service. These costs should be consistent with the Q&SIII programme.	
<b>Processing rules</b>	Calculated field: line 22 minus line 24	
<b>Reference</b>	New	