

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)
Full line title	Overall compounded assumed improvement profile (capex enhancements infrastructure and non-infrastructure - wastewater)	
Definition	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.	
Processing rules	Input field	
Reference	New	

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

Block B – Wastewater service SDB – capital expenditure infrastructure

5	Capex growth - sewage treatment (infrastructure)	£m (3dp)
Full line title	Wastewater Supply/demand balance: capex – sewage treatment infrastructure (growth)	
Definition	<p>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.</p> <p>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)</p>	
Processing rules	Input field	
Reference	New	

6	Capex growth - sewerage (infrastructure)	£m (3dp)
Full line title	wastewater supply/demand balance: capex – sewerage infrastructure (growth)	
Definition	<p>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.</p> <p>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.</p>	
Processing rules	Input field	
Reference	New	

7	Capex new development - sewerage (infrastructure)	£m (3dp)
Full line title	Wastewater Supply/demand balance: capex – new development infrastructure (sewerage)	
Definition	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.	
Processing rules	Input field	
Reference	New	

8	Capex sub total – sewerage (infrastructure)	£m (3dp)
Full line title	Wastewater Supply/demand balance: capex - sub total sewerage (infrastructure)	
Definition	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.	
Processing rules	Calculated field: The sum of lines 5, 6, and 7	
Reference	New	

9	Capex total net of efficiency - sewerage (infrastructure)	£m (3dp)
Full line title	Wastewater Supply/demand balance – total capex net of efficiency – sewerage (infrastructure)	
Definition	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.	
Processing rules	Calculated field: Line 8 multiplied by (1 - line 1 divided by 100).	
Reference	New	

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

10	Capex growth – sewage treatment (non-infrastructure)	£m (3dp)
Full line title	Wastewater Supply/demand balance: capex – sewage treatment non-infrastructure (growth)	
Definition	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)	
Processing rules	Input field	
Reference	New	

11	Capex growth – sewerage (non-infrastructure)	£m (3dp)
Full line title	Wastewater Capex growth - sewerage non-infrastructure (growth)	
Definition	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).	
Processing rules	Input field	
Reference	New	

12	Capex new development - sewerage (non-infrastructure)	£m (3dp)
Full line title	Wastewater supply/demand balance: capex – new development non-infrastructure (sewerage)	
Definition	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.	
Processing rules	Input field	
Reference	New	

13	Capex sub total – sewerage (non-infrastructure)	£m (3dp)
Full line title	Wastewater supply/demand balance: capex - sub total sewerage (non-infrastructure)	
Definition	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.	
Processing rules	Calculated field: The sum of lines 10, 11, and 12	
Reference	New	

14	Capex total net of efficiency - sewerage (non-infrastructure)	£m (3dp)
Full line title	Wastewater supply/demand balance – total capex net of efficiency – sewerage (non-infrastructure)	
Definition	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.	
Processing rules	Calculated field	
Reference	New	

Block D - Wastewater service SDB – capital contributions

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

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

17	Infrastructure charges	£m (3dp)
Full line title	Wastewater supply/demand balance: infrastructure charges.	
Definition	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.	
Processing rules	Input field	
Reference	New	

Block E - Wastewater service SDB – changes in operating expenditure

18	Opex growth – sewage treatment	£m (3dp)
Full line title	Wastewater supply/demand balance: opex- Sewage treatment (growth)	
Definition	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.	
Processing rules	Input field:	
Reference	New	

19	Opex growth – sewerage	£m (3dp)
Full line title	Wastewater supply/demand balance: opex – sewerage (growth)	
Definition	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.	
Processing rules	Input field:	
Reference	New	

20	Opex new development – sewerage	£m (3dp)
Full line title	Wastewater supply/demand balance: opex – new development (sewerage)	
Definition	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.	
Processing rules	Input field:	
Reference	New	

21	Opex - metering – sewerage	£m (3dp)
Full line title	Wastewater supply/demand balance: opex – metering (sewerage service)	
Definition	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	
Processing rules	Input field:	
Reference	New	

22	Opex sub total – wastewater	£m (3dp)
Full line title	Wastewater supply/demand balance – sub total opex	
Definition	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.	
Processing rules	Calculated field: the sum of lines 18, 19, 20 and 21	
Reference	New	

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

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

25	Opex total net of efficiency – wastewater	£m (3dp)
Full line title	Wastewater supply/demand balance: total opex net of efficiency	
Definition	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.	
Processing rules	Calculated field: line 22 minus line 24	
Reference	New	