

Section E Operating Costs and Efficiency

Table7Wastewater Explanatory Factors - Sewerage and
Sewage Treatment by Area

E7.0	Name			Text	
Data Definiti	on: Name of sub-ar	rea.			
Processing Rules:	Input field.				
Field Type:	Input				
Previous Refe	rences: Ofwat 07	-	WICS 06	E7.0	
E7.1	Annual average population	e resident connecte	d	000	1dp
Data Definiti		rage resident population verage sub-areas.	connected to	the sewerage	system in
Processing Rules:	Input field. Colu	umn 'Total' is the sum of a	all inputs.		
Field Type:	Input/Calculate	d			
Previous Refé	rences: Ofwat 07	T17a, L1	WICS 06	E7.1	
E7.2	Annual average population	e non- resident conr	nected	000	1dp
Data Definiti		day and tourist population veraged over the year. D			
Processing Rules:	Input field. Colu	umn 'Total' is the sum of a	all inputs.		
Field Type:	Input/Calculate	d			
Previous Refe	rences: Ofwat 07	T17a, L2	WICS 06	E7.2	

E7.3	Volume of sewage collected (dail	y average)) MI/d	1d
Data Definitio	on: Average daily volume of sewage collect should include flows to separate storm to water courses.			
Processing Rules:	Input field. Column 'Total' is the sum c	of all inputs.		
Field Type:	Input/Calculated			
Previous Refe	rences: Ofwat T17a, L3	WICS 06	E7.3	
E7.4	Total connected properties		nr	0d
Data Definitio	 Number of connected properties in each year. 	ch area at Se	ptember of the r	eportii
Data Definition Processing Rules:	· · ·		ptember of the r	eportii
Processing	year.		ptember of the r	eportir
Processing Rules: Field Type:	year. Input field. Column 'Total' is the sum of Input/Calculated		ptember of the r E7.4	eportii
Processing Rules:	year. Input field. Column 'Total' is the sum of Input/Calculated rences: Ofwat T17a, L4	of all inputs.		eportir 0d
Processing Rules: Field Type: Previous Refe E7.5	year. Input field. Column 'Total' is the sum of Input/Calculated rences: Ofwat T17a, L4	of all inputs.	E7.4	
Processing Rules: Field Type: Previous Refe E7.5	year. Input field. Column 'Total' is the sum of Input/Calculated rences: Ofwat T17a, L4 Area of Sewerage District	of all inputs.	E7.4	
Processing Rules: Field Type: Previous Refe E7.5 Data Definition Processing	year. Input field. Column 'Total' is the sum of Input/Calculated rences: Ofwat 07 T17a, L4 Area of Sewerage District on: Area of sewerage district.	of all inputs.	E7.4	

	E7.6	Drained	d Area				km²	0dp
Ľ	Data Definitio	comb		ch wastewater dis Include within the				
	Processing Rules:	Inpu	t field. Colum	n 'Total' is the sum	n of all inpute	5.		
F	Field Type:	Inpu	t/Calculated					
Pı	evious Refe	rences:	Ofwat 07	-	WICS 06		E7.6	
	E7.7	Annual	Precipitati	on			mm	0dp
Ľ	Data Definitio	mear preci the Ir	n figure for the pitation meas nstitute of Hyc	total precipitation f e area drained. Es ured at official rair Irology at the Britis e adjustment to pr	stimates sho n - gauges. sh Geologica	uld be co (Informat I Survey (nsistent w ion availal on a calen	ith ble from
	Processing Rules:	Inpu	t field.					
F	Field Type:	Inpu	t					
Pr	evious Refe	rences:	Ofwat 07	-	WICS 06		E7.7	
	E7.8	Total le	ength of se	wer			km	0dp
Ľ	Data Definitio			er in each area, ind Include lateral se		ty sewers	, rising ma	ains, and
	Processing Rules:	Inpu	t field. Colum	n 'Total' is the sum	n of all inputs	5.		
F	Field Type:	Inpu	t/Calculated					
Pr	evious Refe	rences:	Ofwat 07	T17a, L6	WICS 06		E7.8	

	E7.9	Total length of lateral sewer	km	0dp	
Ľ	ata Definitio	on: The length of lateral sewer in each area.			
	Processing Rules:	Input field. Column 'Total' is the sum of all inputs.			
F	ield Type:	Input/Calculated			
Pr	evious Refe	rences: Ofwat _ WICS _ 06	E7.9		
	E7.10	Length of combined sewer	km	0dp	
Ľ	Data Definition: The total length of combined sewer in each sewerage area. Combined sewers are those designed to convey foul and surface water flows.				
	Processing Rules:	Input field. Column 'Total' is the sum of all inputs.			
F	ield Type:	Input/Calculated			
Pr	evious Refe	rences: Ofwat _ WICS _ 06	E7.10		
	E7.11	Length of separate stormwater sewer	km	0dp	
Data Definition: The total length of stormwater sewer in each sewerage area. Stormwater sewers are those designed to convey surface water flows only.					
	Processing Input field. Column 'Total' is the sum of all inputs. Rules:				
F	ield Type:	Input/Calculated			
Previous References: Ofwat WICS E7.11					

E7.12	Length of sewer > 1000 mm diameter	km	0dp				
Data Definitio	on: Length of sewer in each area with an internal diameter >	1000mm.					
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.						
Field Type:	Input/Calculated						
Previous Refe	rences: Ofwat WICS 06	E7.12					
E7.13	Length of Critical Sewer	km	0dp				
Data Definitio	on: Length of critical sewer in each area.						
Processing Rules:							
Field Type:	Input/Calculated						
Previous Refe	rences: Ofwat _ WICS _ 06	E7.13					
E7.14	Sewer Collapses	nr	0dp				
Data Definition: Total number of sewer collapses in the report year in each area.							
Processing Rules:							
Field Type:	Input/Calculated						
Previous Refe	rences: Ofwat WICS _ 06	E7.14					

E7.15	Total number of pumping stations	nr	0d
Data Definition	 For these purposes a pumping station is defined, as a an individual pump). Include both foul, combined and stations situated at treatment works (and exclude inter- 	d stormwater p	umpin
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.		
Field Type:	Input/Calculated		
Previous Refer	ences: Ofwat WICS 06	E7.15	
E7.16	Total capacity of pumping stations (m ^{3/} d)	m³/d	00
Data Definition	 Total peak hydraulic pumping capacity of pumping sta E7.15). 	ations (as defir	ned in
D	land tiple Ophysics Totallis the sum of all insute		
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.		
	Input field. Column 1 otal is the sum of all inputs.		
Rules:	Input/Calculated	E7.16	
Rules: Field Type: Previous Refer	Input/Calculated	E7.16	0c
Rules: Field Type: Previous Refer	Input/Calculated	Kw ons (including s istribution area cclude terminal	stand i. Inc sewa
Rules: Field Type: Previous Refere E7.16a	Input/Calculated ences: Ofwat 07 WICS 06 Total capacity of pumping stations (kw) The total installed pumping capacity of pumping station pumps) in operation during the report year for each d foul, combined and stormwater pumping stations. Ex pumping stations situated at treatment works (and ex	Kw ons (including s istribution area cclude terminal	stand i. Inc sewa
Rules: Field Type: Previous Refer E7.16a Data Definition	Input/Calculated ences: Ofwat 07 UNCS 06 Total capacity of pumping stations (kw) The total installed pumping capacity of pumping station pumps) in operation during the report year for each d foul, combined and stormwater pumping stations. Ex pumping stations situated at treatment works (and ex pumping).	Kw ons (including s istribution area cclude terminal	standl ı. Incl sewa

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	E7.17	Average pumping head	m	1dp	
D	Data Definitio	on: This is the average pumping head (in metres) required in transfer sewage to a treatment works. The figure reported column is the average pumping head required in the whole undertaker's region. SW should report the dynamic pumpi including friction losses) in the table.	d in the 'to e of the	tal'	
	Processing Rules:	Input field.			
F	ield Type:	Input			
Pr	evious Refe	rences: Ofwat WICS 06	E7.17		
	E7.18	Total number of combined pumping stations	nr	0dp	
D	Data Definitio	on: As for line E7.15 but include only pumping stations receivi sewage.	ng combir	ned	
	Processing Rules:	Input field. Column 'Total' is the sum of all inputs.			
F	ield Type:	Input/Calculated			
Pr	evious Refe	rences: Ofwat _ WICS 06	E7.18		
	E7.19	Total capacity of combined pumping stations	m³/d	0dp	
Data Definition: As for line E7.16 but include only pumping stations receiving combined sewage.					
	Processing Rules:	Input field. Column 'Total' is the sum of all inputs.			
F	ield Type:	Input/Calculated			
Pr	evious Refe	rences: Ofwat _ WICS 06	E7.19		

E7.20	Total number of stormwater pumping stations	nr	0dp
Data Definitio	on: As for line E7.15 but include only pumping stations receiv	ring only ste	ormwater.

Processing Rules: Input field. Column 'Total' is the sum of all inputs.

Field Type: Input/Calculated

Pr	evious Refe	erences: Ofwat WICS 06	E7.20	
	E7.21	Total capacity of stormwater pumping stations	m³/d	0dp
D	ata Definitio	on: As for line E7.16 but include only pumping stations rece	viving only st	ormwater.
	rocessing lules:	Input field. Column 'Total' is the sum of all inputs.		
F	ield Type:	Input/Calculated		
Previous References:		erences: Ofwat WICS 06	E7.21	

E7.22	Number of combined sewer overflows	nr	0dp			
Data Definitio	n: The total number of combined sewer overflows on the se Those at sewage treatment works should be excluded, as overflows.					
<i>Processing</i> Input field. Column 'Total' is the sum of all inputs. <i>Rules:</i>						
Field Type:	Input/Calculated	culated				
Previous Refer	ences: Ofwat WICS 06	E7.22				

E7.23	Number of combined sewer overflows (screened)	nr	00
Data Definitio	on: The total number of combined sewer overflows on the se are screened.	wer system	ı, whi
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.		
Field Type:	Input/Calculated		
Previous Refe	rences: Ofwat _ WICS 07 06	E7.23	
E7.24	Number of sewage treatment works	nr	00
L Data Definitio	on: Total number of sewage treatment works per operational	area.	
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.		
Field Type:	Input/Calculated		
Previous Refe	rences: Ofwat WICS 06	-	
E7.25	Total Load	kg BOD/day	0c
Data Definitio	on: Total Load received at sewage treatment works (per ope	rational are	a).
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.		
Field Type:	Input/Calculated		

Previous References:	Ofwat	-	WICS	-
	07		06	