

**Table** 7 Wastewater Explanatory Factors - Sewerage and **Sewage Treatment by Area** E7.0 Name Text Data Definition: Name of sub-area. **Processing** Input field. Rules: Field Type: Input **WICS** Ofwat Previous References: E7.0 07 06 E7.1 Annual average resident connected 000 1dp population The annual average resident population connected to the sewerage system in Data Definition: each of the sewerage sub-areas. Input field. Column 'Total' is the sum of all inputs. **Processing** Rules: Field Type: Input/Calculated Ofwat **WICS** Previous References: T17a, L1 E7.1 07 06 E7.2 Annual average non- resident connected 000 1dp population Include the holiday and tourist population connected to the sewerage system Data Definition: in each area, averaged over the year. Do not include any allowance for daily commuters. Input field. Column 'Total' is the sum of all inputs. **Processing** Rules: Field Type: Input/Calculated **WICS** Ofwat Previous References: T17a, L2 E7.2 07 06

**Operating Costs and Efficiency** 

Section E

E7.3	Volume of s	ewage	collected (da	ily averag	je)	MI/d	1dp
Data Definition	•	ude flows	e of sewage colle to separate storr				
Processing Rules:	Input field.	Column '	Total' is the sum	of all inputs			
Field Type:	Input/Calcu	ulated					
Previous Refe	i Ci i CC3.	wat 07	T17a, L3	WICS 06		E7.3	
E7.4	Total connec	cted pro	operties			nr	0dp
Data Definition	on: Number of year.	connecte	d properties in ea	ach area at \$	Septemb	er of the re	eporting
Processing Rules:	Input field.	Column '	Total' is the sum	of all inputs			
Field Type:	Input/Calcu	ulated					
Previous Refe	rences.	wat 07	T17a, L4	WICS 06		E7.4	
E7.5	Area of Sew	erage D	District			km²	0dp
Data Definition	on: Area of sew	verage dis	strict.				
Processing Rules:	Input field.	Column '	Total' is the sum	of all inputs			
Field Type:	Input/Calcu	ulated					
Previous Refe	ICIICCO.	wat 07	T17a, L5	WICS 06		E7.5	

E7.0	6	Drained Arc	ea				km²	0dp
<b>Data Definition:</b> The area within each wastewater district that is drained via combined sewer. Include within the total any area within 5 existing sewer.								
Processii Rules:	ng	Input field	d. Column	'Total' is the sum	of all inputs	•		
Field Typ	e:	Input/Cal	culated					
Previous F	Refer	ences:	Ofwat 07	-	WICS 06		E7.6	
E7.	7	Annual Pre	ecipitatio	n			mm	0dp
Data Definition: Estimated annual total precipitation for the report year. This should be the mean figure for the area drained. Estimates should be consistent with precipitation measured at official rain - gauges. (Information available for the Institute of Hydrology at the British Geological Survey on a calendary basis – may require adjustment to produce report year estimates).					ith ole from			
Processii Rules:	ng	Input field	d.					
Field Typ	e:	Input						
Previous F	Refer	ences:	Ofwat 07	-	WICS 06		E7.7	
E7.8	8	Total lengtl	h of sew	er			km	0dp
Data Defi	initio	-		in each area, ind nclude lateral se		y sewers	, rising ma	ains, and
Processi Rules:	ng	Input field	d. Column	'Total' is the sum	of all inputs			
Field Typ	e:	Input/Cal	culated					
Previous F	Refer	ences:	Ofwat 07	T17a, L6	WICS 06		E7.8	

E7.9	Total length of l	ateral sewer		km	0dp
Data Definition	on: The length of la	teral sewer in each area.			
Processing Rules:	Input field. Colu	ımn 'Total' is the sum of all	l inputs.		
Field Type:	Input/Calculate	d			
Previous Refe	rences: Ofwat 07	-	WICS 06	E7.9	
E7.10	Length of comb	ined sewer		km	0dp
Data Definition		of combined sewer in each			ed
Processing Rules:	Input field. Colu	ımn 'Total' is the sum of all	l inputs.		
Field Type:	Input/Calculate	d			
Previous Refe	rences: Ofwat 07	-	WICS 06	E7.10	
E7.11	Length of separ	rate stormwater sewe	er	km	0dp
Data Definition		of stormwater sewer in ea e designed to convey surfa			water
Processing Rules:	Input field. Colu	ımn 'Total' is the sum of all	l inputs.		
Field Type:	Input/Calculate	d			
Previous Refe	rences: Ofwat 07	-	WICS 06	E7.11	

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

E7.15	Total number of pumping stations	nr	0dp				
<b>Data Definition:</b> For these purposes a pumping station is defined, as an individual site (i.e. no an individual pump). Include both foul, combined and stormwater pumping stations situated at treatment works (and exclude inter-stage pumping).							
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.						
Field Type:	Input/Calculated						
Previous Refe	rences: Ofwat WICS 06	E7.15					
E7.16	Total capacity of pumping stations (m³/d)	m³/d	0dp				
Data Definition	<ul> <li>Total peak hydraulic pumping capacity of pumping station E7.15).</li> </ul>	s (as defir	ned in				
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.						
Field Type:	Input/Calculated						
Previous Refe	rences: Ofwat - WICS 06	E7.16					
E7.16a	Total capacity of pumping stations (kw)	Kw	0dp				
Data Definition	n: The total installed pumping capacity of pumping stations (pumps) in operation during the report year for each distrib foul, combined and stormwater pumping stations. Exclud pumping stations situated at treatment works (and exclud pumping).	ution area e terminal	. Include sewage				
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.						
Field Type:	Input/Calculated						
Previous Refe	rences: Ofwat - WICS 06	E7.16a					

	Avera	age pumpi	ng head		m	1dp
L Data Definition	tra co un	insfer sewage lumn is the a dertaker's re	age pumping head (in e to a treatment works verage pumping head gion. SW should repo n losses) in the table.	s. The figure re I required in the	eported in the 'to e whole of the	otal'
Processing Rules:	In	put field.				
Field Type:	ln	put				
Previous Refe	erences:	Ofwat 07	-	WICS 06	E7.17	
E7.18	Total	number o	f combined pum	ping station	S nr	0dp
Data Definition		for line E7.1 wage.	5 but include only pun	nping stations r	receiving combi	ned
_	ln	put field. Col	umn 'Total' is the sum	of all inputs.		
Processing Rules: Field Type:		put field. Coli		of all inputs.		
Rules: Field Type:	ln	put/Calculate		of all inputs.  WICS 06	E7.18	
Rules: Field Type:	In	put/Calculate Ofwat 07		WICS 06		0dp
Rules: Field Type: Previous Refe	In erences:  Total  on: As	put/Calculate Ofwat 07  capacity of	ed -	wics 06 uping station	ns m³/d	·
Rules: Field Type: Previous Refe E7.19 Data Definition Processing	Total  on: As se	put/Calculate Ofwat 07  capacity controls for line E7.1 wage.	of combined pum	WICS 06 uping station	ns m³/d	·
Rules: Field Type: Previous Refe	Total  on: As se	put/Calculate Ofwat 07  capacity controls for line E7.1 wage.	of combined pum 6 but include only pun umn 'Total' is the sum	WICS 06 uping station	ns m³/d	·

E7.20	Total number of stormwater pumping stations	nr	0dp
Data Definition	n: As for line E7.15 but include only pumping stations received	ing only sto	ormwater.
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.		
Field Type:	Input/Calculated		
Previous Refe	rences: Ofwat WICS 06	E7.20	
E7.21	Total capacity of stormwater pumping stations	m³/d	0dp
Data Definition	on: As for line E7.16 but include only pumping stations receiv	ing only sto	ormwater.
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.		
Field Type:	Input/Calculated		
Previous Refe	rences: Ofwat WICS 06	E7.21	
E7.22	Number of combined sewer overflows	nr	0dp
Data Definition	The total number of combined sewer overflows on the sex Those at sewage treatment works should be excluded, as overflows.		
Processing Rules:	Input field. Column 'Total' is the sum of all inputs.		
Field Type:	Input/Calculated		
Previous Refe	rences: Ofwat - WICS 06	E7.22	

	E7.23	Number of combined sewer overflows (screened)		0dp			
E	<b>Data Definition:</b> The total number of combined sewer overflows on the sewer system, which are screened.						
	Processing Rules:	Input field. Column 'Total' is the sum of all inputs.					
F	ield Type:	Input/Calculated					
Pr	evious Refe	rences: Ofwat WICS 06	E7.23				
	E7.24	Number of sewage treatment works	nr	0dp			
Ľ	Data Definition	on: Total number of sewage treatment works per operational	area.				
	Processing Rules:	Input field. Column 'Total' is the sum of all inputs.					
F	Field Type:	Input/Calculated					
Pr	evious Refe	rences: Ofwat WICS 06	-				
	E7.25	Total Load	kg BOD/day	0dp			
Ľ	Data Definition	on: Total Load received at sewage treatment works (per oper	ational are	a).			
	Processing Rules:	Input field. Column 'Total' is the sum of all inputs.					
F	Field Type:	Input/Calculated					
Pr	evious Refe	rences: Ofwat - WICS 06	-				