

Table Water Resources and Treatment 4 E4.0 **Area Name** Text Data Definition: Name of Area **Processing** Input field. Rules: Field Type: Input **WICS** Ofwat Previous References: E4.0 07 06 E4.1 Impounding reservoirs nr, MI/d 0dp, 3dp Number of sources and distribution input derived from impounding reservoirs Data Definition: Input field. Column 'Total sources' is the sum of the number of sources and **Processing** column 'Total source outputs' is the sum of all source outputs (MI/d) Rules: Input/Calculated Field Type: Ofwat **WICS** T12, L1 Previous References: E4.1 07 06 E4.2 Lochs nr, MI/d 0dp, 3dp Number of sources and distribution input derived from lochs. Data Definition: Input field. Column 'Total sources' is the sum of the number of sources and **Processing** column 'Total source outputs' is the sum of all source outputs (MI/d) Rules: Field Type: Input/Calculated Ofwat **WICS** Previous References: E4.2 07 06

Operating Costs and Efficiency

Section E

E4.3	Rive	er and burn	abstractions	nr, Mi	/d	0dp, 3dp
Data Definiti			rces and distribution input derived from the contraction of the contra	om river and	ouri	n
Processing Rules:			lumn 'Total sources' is the sum of the source outputs' is the sum of all sour			
Field Type:	I	nput/Calculate	ed			
Previous References: Ofwat T12, L2 WICS 06				E4.:	3	
E4.4	Bor	eholes		nr, Mi	/d	0dp, 3dp
Data Definition: Number of sources and distribution input derived from bosprings).					(in	cluding
	5	springs).				
Processing Rules:		Input field. Co	lumn 'Total sources' is the sum of th source outputs' is the sum of all sour			
	•	Input field. Co	source outputs' is the sum of all sour			
Rules:	1	Input field. Cocolumn 'Total s	source outputs' is the sum of all soured		1 I/d)	
Rules: Field Type:	1	Input field. Cocolumn 'Total sinput/Calculate S: Ofwat 07	source outputs' is the sum of all soured T12, L3	ce outputs (N	1I/d)	
Rules: Field Type: Previous Refe	Tota	Input field. Cocclumn 'Total sinput/Calculate S: Ofwat 07	source outputs' is the sum of all soured T12, L3	E4.	1I/d)	
Rules: Field Type: Previous Refe	Tota	Input field. Cocclumn 'Total sinput/Calculate S: Ofwat 07	T12, L3 WICS 06 of sources and distribution input	E4.	1I/d)	
Rules: Field Type: Previous Refe E4.5 Data Definition Processing	Tota	Input field. Cocolumn 'Total sinput/Calculate S: Ofwat 07 Total number of	T12, L3 WICS 06 of sources and distribution input	E4.	1I/d)	

E4.6	Bulk water exports	nr, Ml/d	0dp, 3dp
Data Definition	on: The number and volume of raw water exports provided be sources outwith SW's service area	y SW from	its own
Processing Rules:	Input field. Column 'Total sources' is the sum of the nun column 'Total source outputs' is the sum of all source ou		
Field Type:	Input/Calculated		
Previous Refe	rences: Ofwat - WICS 06	E4.6	
E4.7	Bulk water imports	nr, MI/d	0dp, 3dp
Data Definition	on: The number and volume of raw water imports imported f out with those of SW.	rom resour	ce areas
Processing Rules:	Input field. Column 'Total sources' is the sum of the nun column 'Total source outputs' is the sum of all source ou		
Field Type:	Input/Calculated		
Previous Refe	rences: Ofwat - WICS 06	E4.7	
E4.8	Impounding reservoirs	nr	
Data Definition	on: The proportion of Distribution Input derived from impound each area.	ding reserv	oirs for
Processing Rules:	Daily output per area (line E4.1) divided by the total daily and own sources	output of a	all areas
Field Type:	Calculated		
Previous Refe	rences: Ofwat - WICS 06	E4.8	

	E4.9	Lochs	nr	
Ĺ	Data Definition	on: The proportion of Distribution Input derived from lochs for e	each area	
	Processing Rules:	Daily output per area (line E4.2) divided by the total daily o and own sources	output of a	ll areas
F	ield Type:	Calculated		
Pr	evious Refe	E4.9		
	E4.10	River and burn abstractions	nr	
L	Data Definition	Burn Abs	stractions	
	Processing Rules:	Daily output per area (line E4.3) divided by the total daily o and own sources	output of a	ll areas
F	ield Type:	Calculated		
Pr	evious Refe	rences: Ofwat WICS 06	E4.10	
	E4.11	Boreholes	nr	
L	Data Definition	The proportion of Distribution Input derived from boreholes for each area.	s (includin	g springs)
_	Processing Rules:	Daily output per area (line E4.4) divided by the total daily o and own sources	output of a	ll areas
F	ield Type:	Calculated		
Pr	evious Refe	rences: Ofwat _ WICS 06	E4.11	

E4.12	Total	nr								
Data Definition	on: The proportion of Total Distribution Input produced in eac	h area.								
Processing Rules:	Sum of E4.8 to E4.11									
Field Type:	Calculated									
Previous Refe	rences: Ofwat - WICS 06	E4.12								
E4.13	Peak demand - peak to average ratio	nr	0dp							
Data Definition	Data Definition: Average daily volume put into supply in peak seven day period in year (peak year of preceding five years)/average daily volume of water put into supply in that year.									
Processing Rules:	Input field.									
Field Type:	Input									
Previous Refe	rences: Ofwat WICS 06	E4.13								
E4.14	Average pumping head - resources and treatment	m	1dp							
Data Definition	on: Average pumping head for resource and treatment. See pumping head is calculated.	guidance d	on how							
Processing Rules:	Input field.									
Field Type:	Input									
Previous Refe	rences: Ofwat T12, L5 WICS 06	E4.14								

	E4.15	Pov	ver		£m	3dp			
E	Pata Definition		Energy costs as and split by ope			only includin	g 'Resou	rces and 7	reatment'
	Processing Rules:		Input field. Colu	ımn 'T	otal' is the sun	n of all inputs			
F	ield Type:		Input/Calculated	d					
Pr	Previous References: Ofwat T21, L2 WICS E1.2								
	E4.16	Ser	vice charges	s by	SEPA			£m	3dp
E	Data Definition: Service charges as defined in E1.5 but only including 'Resources and Treatment' and split by operational areas.								
	Processing Rules:		Input field. Colu	ımn 'T	otal' is the sun	n of all inputs			
F	ield Type:		Input/Calculated	d					
Pr	evious Refe	erence	es: Ofwat 07		T21, L7	WICS 06		E1.6	
	E4.17	Tot	al direct cos	its				£m	3dp
Ĺ	ata Definition		Direct costs as and split by ope			only including	'Resour	ces and Tr	eatment'
	Processing Rules:		Input field. Colu	ımn 'T	otal' is the sun	n of all inputs			
F	ield Type:		Input/Calculated	d					
Pr	Previous References: Ofwat T21, L10 WICS E1.9								

	E4.18	General and support costs	£m	3dp					
Ĺ	Data Definition	on: General and Support costs as defined in E1.9 but only incand Treatment' and split by operational areas.	luding 'Re	sources					
	Processing Rules:	Input field. Column 'Total' is the sum of all inputs.							
F	Field Type: Input/Calculated								
Pr	Previous References: Ofwat T21, L11 WICS E1.10 + E1.11								
	E4.19	£m	3dp						
E	Data Definition	Functional expenditure as described in E1.10 but only incland Treatment' and split by operational areas.	luding 'Re	sources					
	Processing Rules:	Sum of E4.17 and E4.18							
F	Field Type:	Calculated							
Pr	evious Refe	rences: Ofwat T21, L12 WICS 06	E1.12						
	E4.20	Simple Disinfection	nr, Ml/d, £m	0dp, 3dp, 3dp					
E	Data Definition	n: Number of treatment works, average distribution input and derived from works with simple disinfection.	d direct co	sts					
	Processing Rules:	Input field. Column 'Tot. prop'n of D.I.' divides distribution treatment' works by the total distribution input (calculated		ı 'simple					
F	Field Type:	Field Type: Input/Calculated							

T12, L6

WICS 06

E4.17

Ofwat 07

Previous References:

	E4.21	W1							nr, MI/d, £m	0dp, 3dp, 3dp
D	ata Definition	on:				distribution in		operating	g costs (di	rect and
	rocessing ules:					op'n of D.I.' o al distribution				n W1
F	ield Type:		Input/C	alculated						
Pre	evious Refe	erenc	es:	Ofwat 07	T	2, L7	WICS 06		E4.18	
	E4.22	W2	2						nr, Ml/d, £m	0dp, 3dp, 3dp
D	ata Definition	on:				age distributi works in cate			ating costs	s (direct
	rocessing ules:					op'n of D.I.' o al distribution				n W2
F	ield Type:		Input/C	alculated						
Pre	evious Refe	erenc	es:	Ofwat 07	T1	2, L8	WICS 06	E4.19		
	E4.23	W3	3						nr, MI/d, £m	0dp, 3dp, 3dp
D	ata Definition	on:				age distributi works in cate			ating costs	s (direct
	rocessing ules:					op'n of D.I.' c al distribution				1 W3
F	ield Type:		Input/C	alculated						
Previous References: Ofwat T12, L9 WICS E4.20										

	E4.24	W4		nr, MI/d, £m	0dp, 3dp, 3dp
L	ata Definitio	n: Number of works and average distributed and general & support) for works in cate		erating costs	s (direct
	Processing Rules:	Input field. Column 'Tot. prop'n of D.I.' treatment works by the total distribution			n W4
F	ield Type:	Input/Calculated			
Pr	evious Refe	rences: Ofwat T12, L10	WICS 06	E4.21	
	E4.25	Total numbers of works		nr	0dp
Ĺ	ata Definition	n: Total number of treatment works.			
	Processing Rules:	Sum of E4.20 to E4.24			
F	ield Type:	Calculated			
Pr	evious Refe	rences: Ofwat T12, L12	WICS 06	E4.22	
	E4.26	Total distribution input		MI/d	
Ĺ	ata Definition	n: The distribution input for all treatment of	categories.		
	Processing Rules:	Sum of E4.20 to E4.24			
F	ield Type:	Calculated			
Pr	evious Refe	rences: Ofwat T12, L11	WICS 06	E4.23	

	E4.27	Total Operating costs	£M	3dp				
Ĺ	Data Definition	on: Total operating costs (direct and general & support) associated treatment works.	ciated with	water				
	Processing Rules:	Sum of E4.20 to E4.24						
F	Field Type:	Calculated						
Pr	Previous References: Ofwat - WICS - 06							
	E4.28	nr, 0/1, £Μ	0dp,0/1, 3dp					
E	derived fr general an band <=1	d support						
	Processing Rules:	Input field.						
F	Field Type:	Input						
Pr	evious Refe	rences: Ofwat - WICS E	4.30, E4.4	17				
	E4.29	Size band >1 - <=2.5 MI/d	nr, 0/1, £M	0dp,0/1, 3dp				
E	Data Definition	falling into size band >1-<=2.5 M/ld. The total direct costs support costs, as defined in Section E1, for treatment wor MI/d to <= 2.5 MI/d.	and gene	ral and				
	Processing Rules:	Input field.						
F	Field Type:	Input						
Pr	evious Refe	rences: Ofwat - WICS E	4.31, E4.4	18				

	E4.30	Size band >2	2.5 - <=5		nr, 0/1, £m	0dp,0/1, 3dp		
L	Data Definition	falling into	size band sts, as def	ss and proportio >2.5 -<= 5 M/ld ined in Section	. The total d	irect cost	s and gene	eral and
	Processing Rules:	Input field.						
F	Field Type:	Input						
Pi	revious Refe	ielices.	wat 07	-	WICS 06	E	4.32, E4.4	.9
	E4.31	Size band >	5 - <=10	MI/d			nr, 0/1, £m	0dp,0/1, 3dp
Data Definition: Total number of alling into size support costs, at to <= 10 Ml/d.			size band sts, as def	>5 - <= 10 M/ld	. The total d	irect cost	s and gene	eral and
	Processing Rules:	Input field.						
F	Field Type:	Input						
Pi	revious Refe	rences.	wat 07	-	WICS 06	E	4.33, E4.5	50
	E4.32	Size band >	10 - <=2	5 MI/d			nr, 0/1, £m	0dp,0/1, 3dp
L	Data Definition	falling into	size band sts, as def	ss and proportio >10 -<=25 M/ld ined in Section	. The total d	irect cost	s and gene	eral and
	Processing Rules:	Input field.						
F	Field Type:	Input						
PI	Previous References: Ofwat - WICS E4.34, E4.51							

	E4.33	Size band	>25 - <	=50 MI/d			nr, 0/1, £m	0dp,0/1, 3dp
E	Data Definition: Total number of alling into size support costs, a MI/d to <= 50 M			nd >25 -<=50 defined in Se	M/ld. The total	direct cost	ts and gen	eral and
	Processing Rules:	Input fiel	d.					
F	ield Type:	Input						
Pr	evious Refe	rences:	Ofwat 07	-	WIC:	S E	E4.35, E4.5	53
	E4.34	Size band	>50 - <	=100 MI/d			nr, 0/1, £m	0dp,0/1, 3dp
Data Definition: Total number a into size band support costs, a MI/d to <= 100			band >50 costs, as	-<=100 M/ld defined in Se	. The total direc	t costs and	d general a	nd
	Processing Rules:	Input fiel	d.					
F	ield Type:	Input						
Pr	evious Refe	rences:	Ofwat 07	-	WIC:	S E	E4.36, E4.5	54
	E4.35	Size band	>100 -	<=175 MI/c	I		nr, 0/1, £m	0dp,0/1, 3dp
E	Oata Definitio	falling int and supp	o size ba	nd>100 - <=1 , as defined i	portion of distrik 75 M/ld. The to n Section E1, fo	tal direct c	osts and g	eneral
	Processing Rules:	Input fiel	d.					
F	ield Type:	Input						
Pr	evious Refe	rences:	Ofwat 07	-	WIC:	S	E4.37, E4.5	55

E4.36	E4.36 Size band >175 MI/d						
Data Definition	falling	into size ba	works and propor and > 175 M/ld. T defined in Section	he total direct	costs and	d general a	and
Processing Rules:	Input f	field.					
Field Type:	Input						
Previous Refe	revious References: Ofwat - WICS 06						56
E4.37	Total nu	mber of	works			nr	0dp
Data Definition	on: Total r	number of t	reatment works f	or all size ban	ds.		
Processing Rules:	the su	m of lines I	E4.28 to E4.36				
Field Type:	Calcul	ated					
Previous Refe	rences:	Ofwat 07	-	WICS 06		E4.39	
E4.38	Proporti	on of dis	stribution inp	ıt - total		nr	
Data Definition	on: Total p	proportion o	of distribution inpu	ıt by all size b	ands.		
Processing Rules:	the su	m of lines l	E4.28 to E4.36				
Field Type:	Calcul	ated					
Previous Refe	rences:	Ofwat 07	-	WICS 06		E4.40	

E4.39	Total operating costs	£m	3dp

The total direct costs and general and support costs, as defined in Section ${\sf E1}$, for treatment works. Data Definition:

Processing

the sum of lines E4.28 to E4.36

Rules:

Field Type: Calculated

Ofwat **WICS** Previous References: E4.58 07 06