

Section E Operating Costs and Efficiency

Table4Water Resources and Treatment

E4.0	Area Name				Text	
Data Definitio	on: Name of Area			¥		
Processing Rules:	Input field.					
Previous Refe	erences: Ofwat 07	-	WICS 06		E4.0	
E4.1	Impounding re	servoirs			nr, Ml/d	0dp, 3dp
Data Definition Processing Rules:	Input field. Colun	es and distribution input d nn 'Total sources' is the s irce outputs' is the sum o	sum of	the numb	per of sou	rces and
Previous Refe	erences: Ofwat 07	T12, L1	WICS 06		E4.1	
E4.2	Lochs				nr, Ml/d	0dp, 3dp
Data Definitio	on: Number of source	s and distribution input d	erived	from loch	IS.	
Processing Rules:		nn 'Total sources' is the s Irce outputs' is the sum o				
Previous Refe	erences: Ofwat	-	WICS		E4.2	

E4.3	River a	ind burn a	bstractions			nr, Ml/d	0dp, 3dp
Data Definitio			and distribution in de storage) abstr		from rive	er and bur	n
Processing Rules:			'Total sources' is e outputs' is the s				
Previous Refe	erences:	Ofwat 07	T12, L2	WICS 06		E4.3	
E4.4	Boreho	oles				nr, Ml/d	0dp, 3dp
Data Definitio	on: Numbe springs		and distribution in	put derived	from bor	eholes (ir	ncluding
Processing Rules:			'Total sources' is e outputs' is the s				
Previous Refe	erences:	Ofwat 07	T12, L3	WICS 06		E4.4	
E4.5	Total					nr, Ml/d	0dp, 3dp
	Total					m, wn/u	oup, 3up
Data Definitio		umber of sou	rces and distribut	ion input			Jup, Sup
Data Definition Processing Rules:	on: Total nu	umber of sou f E4.1 to E4.5		ion input		тт, м/а	- Jup, 3up
Processing Rules:	on: Total nu Sum of			ion input WICS 06		E4.5	
Processing	on: Total nu Sum of	f E4.1 to E4.5 Ofwat	-	WICS			0dp, 3dp
Processing Rules: Previous Refe	on: Total nu Sum of erences: Bulk w on: The nu	f E4.1 to E4.5 Ofwat 07 ater expor	-	WICS 06	ovided by	E4.5 nr, MI/d	0dp, 3dp
Processing Rules: Previous Refe E4.6	on: Total nu Sum of erences: Bulk w on: The nu sources Input fi	f E4.1 to E4.5 Ofwat 07 ater expor mber and vol s outwith SW eld. Column	r ts	WICS 06 exports pro	the num	E4.5 nr, MI/d SW from	0dp, 3dp its own irces and

E4.7	Bulk water imports			nr, Ml/d	0dp, 3dp
Data Definitio	n: The number and volum out with those of SW.	e of raw wate	er imports imported	I from resour	ce areas
Processing Rules:	Input field. Column 'To column 'Total source o				
Previous Refe	rences: Ofwat 07	-	WICS 06	E4.7	
E4.8	Impounding reserv	oirs		nr	
Data Definitio	n: The proportion of Distri each area.	bution Input o	derived from impou	nding reserv	oirs for
Processing Rules:	Daily output per area (and own sources	line E4.1) div	ided by the total da	ily output of a	all areas
Previous Refe	rences: Ofwat 07	-	WICS 06	E4.8	
E4.9	Lochs			nr	
Data Definitio	n : The proportion of Distri	bution Input o	derived from lochs	for each area	a.
Processing Rules:	Daily output per area (and own sources	line E4.2) div	ided by the total da	ily output of	all areas
Previous Refe	rences: Ofwat 07	-	WICS 06	E4.9	
E4.10	River and burn abs	tractions		nr	
Data Definitio	n: The proportion of Distri (including via bankside			and Burn Ab	stractions
Processing	Daily output per area (and own sources	line E4.3) div	ided by the total da	ily output of	all areas
Rules:					

	E4.11	Boreholes	6				nr	
D	ata Definitio	on: The proport for each are		stribution Input c	lerived from	borehole	es (includin	g springs)
	rocessing lules:	Daily outpu and own so		a (line E4.4) divi	ded by the to	otal daily	output of a	all areas
Pi	revious Refe	rences	fwat 07	-	WICS 06		E4.11	
	E4.12	Total					nr	
D	ata Definitio	on: The proport	tion of To	tal Distribution I	nput produce	ed in eac	h area.	
	rocessing Pules:	Sum of E4	.8 to E4.1	1				
Pi	revious Refe	erences: O	fwat 07	-	WICS 06		E4.12	
	E4.13	Peak dem	and - p	eak to avera	ge ratio		nr	0dp
D	ata Definitio	0		e put into supply e years)/average				
	rocessing lules:	Input field.						
Pi	revious Refe	erences: O	fwat 07		WICS 06		E4.13	
	E4.14	Average p treatment		g head - reso	ources and	t l	m	1dp
D	ata Definitio	on: Average pupping he		ead for resource culated.	and treatme	nt. See	guidance o	on how
	rocessing Pules:	Input field.						
D	revious Refe	•	fwat					

				1		1
Power					£m	3dp
			nly including 'f	Resourc	ces and T	reatment'
Input field.	. Column ' ⁻	Total' is the sum	of all inputs.			
erences: C	Ofwat 07	T21, L2	WICS 06		E1.2	
Service c	harges I	by SEPA			£m	3dp
				g 'Resc	ources an	d
Input field.	. Column ' ⁻	Total' is the sum	of all inputs.			
erences: C	Ofwat 07	T21, L7	WICS 06		E1.6	
Total dire	ect costs	•			£m	3dp
			lly including 'R	esource	es and Tr	eatment'
Input field.	. Column ' ⁻	Total' is the sum	of all inputs.			
erences: C	Ofwat 07	T21, L10	WICS 06		E1.9	
General a	and supp	oort costs			£m	3dp
				nly inclu	uding 'Re	sources
Input field.	. Column ' ⁻	Total' is the sum	of all inputs.			
erences: C	Ofwat 07	T21, L11	WICS 06	E1	.10 + E1.	11
	on: Energy cos and split by Input field erences: C Service ch Treatment Input field erences: C Total dire on: Direct cost and split by Input field erences: C General a on: General ar and Treatr Input field	on: Energy costs as definand split by operation Input field. Column '' erences: Ofwat 07 Service charges as d on: Service charges as d Treatment' and split b Input field. Column '' erences: Ofwat 07 Total direct costs on: Direct costs as define and split by operation Input field. Column '' erences: Ofwat 07 on: General and support and Treatment' and s input field. Column '' Input field. Column ''	on: Energy costs as defined in E1.2 but of and split by operational areas. Input field. Column 'Total' is the sum erences: Ofwat 07 T21, L2 Service charges by SEPA on: Service charges by SEPA on: Service charges as defined in E1.5 bit Treatment' and split by operational are Input field. Column 'Total' is the sum erences: Ofwat 07 T21, L7 Total direct costs on: Direct costs as defined in E1.8 but or and split by operational areas. Input field. Column 'Total' is the sum erences: Ofwat 07 T21, L10 General and support costs as defined and Treatment' and split by operation Input field. Column 'Total' is the sum or: General and Support costs as defined and Treatment' and split by operation Input field. Column 'Total' is the sum	m: Energy costs as defined in E1.2 but only including 'F and split by operational areas. Input field. Column 'Total' is the sum of all inputs. erences: Of T21, L2 OT T21, L2 OT Service charges by SEPA on: Service charges as defined in E1.5 but only includin Treatment' and split by operational areas. Input field. Column 'Total' is the sum of all inputs. erences: Of wat O7 T21, L7 WICS 06 Total direct costs on: Direct costs as defined in E1.8 but only including 'R and split by operational areas. Input field. Column 'Total' is the sum of all inputs. erences: Of wat O7 T21, L10 WICS 06 General and support costs as defined in E1.9 but o and Treatment' and split by operational areas. Input field. Column 'Total' is the sum of all inputs. erences: Of wat O7 T21, L10 WICS 06	m: Energy costs as defined in E1.2 but only including 'Resource and split by operational areas. Input field. Column 'Total' is the sum of all inputs. erences: Ofwat	m: Energy costs as defined in E1.2 but only including 'Resources and T and split by operational areas. Input field. Column 'Total' is the sum of all inputs. prences: Ofwat 07 T21, L2 WICS E1.2 Service charges by SEPA £m pn: Service charges by SEPA £m pn: Service charges as defined in E1.5 but only including 'Resources an Treatment' and split by operational areas. Input field. Column 'Total' is the sum of all inputs. prences: Ofwat 07 T21, L7 WICS E1.6 Total direct costs £m pn: Direct costs as defined in E1.8 but only including 'Resources and Tr and split by operational areas. Input field. Column 'Total' is the sum of all inputs. prences: Ofwat 07 T21, L10 WICS E1.9 General and support costs as defined in E1.9 but only including 'Resources and Tr and split by operational areas. £m pn: General and support costs as defined in E1.9 but only including 'Resources and Tr and Treatment' and split by operational areas. £m pn: General and Support costs as defined in E1.9 but only including 'Resources and Treatment' and split by operational areas. fm pn: General and Support costs as defined in E1.9 but only including 'Resources and Treatment' and split by operational areas. <

	E4.19	Funct	ional expe	nditure			£m	3dp
Ľ	Data Definitio			ure as described in split by operationa		only inc	luding 'Re	sources
	Processing Rules:	Sum	of E4.17 and	E4.18				
P	revious Refe	erences:	Ofwat 07	T21, L12	WICS 06		E1.12	
	E4.20	Simpl	e Disinfect	lion			nr, Ml/d, £m	0dp, 3dp, 3dp
Ľ	Data Definition: Number of treatment works, average distribution input and direct costs derived from works with simple disinfection.							
	Processing Rules:			'Tot. prop'n of D.I.' y the total distribution				n 'simple
P	revious Refe	erences:	Ofwat 07	T12, L6	WICS 06		E4.17	
	E4.21	W1					nr, Ml/d, £m	0dp, 3dp, 3dp
Ľ	Data Definitio			verage distribution for works in catego		operatine	g costs (di	rect and
	Processing Rules:			'Tot. prop'n of D.I.' the total distributio				n W1
P	revious Refe	erences:	Ofwat 07	T12, L7	WICS 06		E4.18	
	E4.22	W2					nr, Ml/d, £m	0dp, 3dp, 3dp
Ľ	Data Definitio			nd average distribut ort) for works in ca			ating costs	direct
	Processing Rules:			'Tot. prop'n of D.I.' the total distributio				n W2
P	revious Refe	erences:	Ofwat 07	T12, L8	WICS 06		E4.19	

E4.23	W3				nr, Ml/d, £m	0dp, 3dp, 3dp
Data Definitio			nd average distrib ort) for works in c		 ting costs	s (direct
Processing Rules:			'Tot. prop'n of D.l v the total distribut			n W3
Previous Refe	erences:	Ofwat 07	T12, L9	WICS 06	 E4.20	
E4.24	W4				nr, MI/d, £m	0dp, 3dp, 3dp
Data Definitio			nd average distrib ort) for works in c		ting costs	s (direct
Processing Rules:			'Tot. prop'n of D.l the total distribut			n W4
Previous Refe	erences:	Ofwat 07	T12, L10	WICS 06	 E4.21	
E4.25	Total	numbers c	of works		nr	0dp
Data Definitio	on: Total	number of tre	atment works.			
Processing Rules:	Sum	of E4.20 to E4	4.24			
Previous Refe	erences:	Ofwat 07	T12, L12	WICS 06	E4.22	
E4.26	Total	distributio	n input		MI/d	
Data Definitio	on: The d	istribution inp	ut for all treatment	categories.		
Processing Rules:	Sum	of E4.20 to E4	4.24			
Previous Refe	erences:	Ofwat 07	T12, L11	WICS 06	 E4.23	

E4.27	Total Opera	ting costs				£M	3dp
Data Definitio	<i>n:</i> Total operatin treatment wor		and genera	l & suppo	ort) asso	ciated with	water
Processing Rules:	Sum of E4.20) to E4.24					
Previous Refe	rences: Ofw 07		-	WICS 06		-	
E4.28	Size band <	=1 MI/d				nr, 0/1, £M	0dp,0/1, 3dp
Data Definitio	<i>n:</i> Total number falling into siz costs, as defi	e band <=1 M	ld. The total	direct co	sts and	general an	d support
Processing Rules:	Input field.						
Previous Refe	rences: Ofw 07		-	WICS 06		E4.30, E4.	47
E4.29	Size band >	1 - <=2.5 M	l/d			nr, 0/1, £M	0dp,0/1, 3dp
Data Definitio	<i>n:</i> Total number falling into siz support costs MI/d to <= 2.5	e band >1-<=2 , as defined in	2.5 M/ld. The	total dire	ect costs	and gene	ral and
Processing Rules:	Input field.						
Previous Refe	<i>rences:</i> Ofw 07		-	WICS 06		E4.31, E4.	48
E4.30	Size band >	2.5 - <=5 M	l/d			nr, 0/1, £m	0dp,0/1, 3dp
Data Definitio	<i>n:</i> Total number falling into siz support costs MI/d to <= 5 N	e band >2.5 -< , as defined in	≤= 5 M/ld. Th	e total di	rect cost	s and gen	eral and
Processing Rules:	Input field.						
Previous Refe	rences: Ofw 07		-	WICS 06		E4.32, E4.	49

E4.31	Size band	l >5 - <:	=10 MI/d			nr, 0/1, £m	0dp,0/1, 3dp
Data Definitio	falling into	size banc sts, as de	ks and proportic I >5 - <= 10 M/lc fined in Section	I. The total direc	t cost	s and gen	eral and
Processing Rules:	Input field.						
Previous Refe	erences: C)fwat 07	-	WICS 06	E	E4.33, E4.	50
E4.32	Size band	d >10 - «	<=25 MI/d			nr, 0/1, £m	0dp,0/1, 3dp
Data Definitio	falling into	size banc sts, as de	ks and proportic I >10 -<=25 M/ld fined in Section	I. The total direc	t cost	s and gen	eral and
Processing Rules:	Input field						
Previous Refe	erences: C)fwat 07	-	WICS 06	E	E4.34, E4.	51
E4.33	Size band	d >25 - «	<=50 MI/d			nr, 0/1, £m	0dp,0/1, 3dp
Data Definitio	falling into	size banc sts, as de	ks and proportic I >25 -<=50 M/lc fined in Section	I. The total direc	t cost	s and gen	eral and
Processing Rules:	Input field						
Previous Refe	erences: C)fwat 07	-	WICS 06	E	E4.35, E4.	53

E4.34	Size band >50) - <=100 MI/d			nr, 0/1, £m	0dp,0/1, 3dp
Data Definitio	into size band >	nd proportion of distrib 50 -<=100 M/ld. The t s defined in Section E /ll/d.	otal direct co	sts and	d general a	nd
Processing Rules:	Input field.					
Previous Refe	erences: Ofwat 07	-	WICS 06		E4.36, E4.	54
E4.35	Size band >10	00 - <=175 MI/d			nr, 0/1, £m	0dp,0/1, 3dp
Data Definitio	falling into size b	works and proportion band>100 - <=175 M/l ts, as defined in Sect 175 Ml/d.	ld. The total d	lirect c	osts and g	eneral
Processing Rules:	Input field.					
Previous Refe	erences: Ofwat 07	-	WICS 06		E4.37, E4.	55
E4.36	Size band >17	75 MI/d			nr, 0/1, £m	0dp,0/1, 3dp
Data Definitio	falling into size b	works and proportion band > 175 M/ld. The s defined in Section E	total direct co	osts an	d general a	and
Processing Rules:	Input field.					
Previous Refe		-	WICS 06		E4.38, E4.	56
Previous Refe E4.37	rences: Ofwat	 of works			E4.38, E4. nr	56 0dp
	orences: Ofwat 07 Total number	- of works treatment works for a	06			
E4.37	orences: Ofwat 07 Total number	treatment works for a	06			

E4.38	Proportion of distribution input - total	nr	
Data Definitio	on: Total proportion of distribution input by all size bands.		

Processing the sum of lines E4.28 to E4.36 **Rules:**

Previous Refe	erences: Ofwat WICS 06	E4.40	
E4.39	Total operating costs	£m	3dp
Data Definitio	on: The total direct costs and general and support costs E1, for treatment works.	, as defined in S	Section
Processing Rules:	the sum of lines E4.28 to E4.36		
Previous Refe	erences: Ofwat WICS 06	E4.58	