

Section E	Operatin	g Costs and Effic	ciency		
Table 3	PPP Pro	ject Analysis			
E3.0	Name			Text	
Data Definition	on: Name of scheme	e.			
Processing Rules:	Input field.				
Previous Refe	erences: Ofwat 07	-	WICS 06	E3.0	
E3.01	Annual average population	ge resident conn	ected	000	1dp
Data Definition		age resident population ewage treatment work		to the sewerage	e system
Processing Rules:	Input field. Colu	mn 'Total' is the sum	of all inputs.		
Previous Refe	erences: Ofwat 07	-	WICS 06	E3.1	
E3.02	Annual average population	ge non-resident o	connected	000	1dp
Data Definition	-	lay and tourist populat erage over the year. I			
Processing Rules:	Input field. Colu	mn 'Total' is the sum	of all inputs.		
Previous Refe	erences: Ofwat	-	WICS 06	E3.2	

	E3.03	Popula	ition equiv	alent of tot	al load receive	d 000	0dp
D	ata Definitio		erage equivale Iuring the yea		of the total load red	ceived by the	treatment
	rocessing Pules:	Input fi	eld. Column '	Total' is the su	m of all inputs.		
Pi	revious Refe	erences:	Ofwat 07	-	WICS 06	E3.5	
	E3.04	Sewera	age			1/0	
D	ata Definition	on: Scope	of project inclu	udes sewerag	e works.		
	rocessing Pules:	Input fi	eld.				
Pi	revious Refe	erences:	Ofwat 07	-	WICS 06	E3.7	
	E3.05	Sewag	e Treatmei	nt		1/0	
D	ata Definition	on: Scope	of project inclu	udes sewage t	reatment works.		
	rocessing Pules:	Input fi	eld.				
Pi	revious Refe	erences:	Ofwat 07	-	WICS 06	E3.8	
	E3.06	Sludge	Treatmen	t		1/0	
D	ata Definition	on: Scope	of project inclu	udes sludge tr	eatment works.	-	
	rocessing Pules:	Input fi	eld.				
Pi	revious Refe	erences:	Ofwat 07	-	WICS 06	E3.9	

E3.07	Terminal Pum	ping Station			1/0	
Data Definition	on: Scope of project	includes terminal pumpin	ng statio	on.		
Processing Rules:	Input field.					
Previous Refe	erences: Ofwat 07	-	WICS 06		E3.10	
E3.08	Other (state d	etails)			1/0	
Data Definition	on: Scope of project	includes other works (giv	e detai	ls).		
Processing Rules:	Input field.					
Previous Refe	erences: Ofwat 07	-	WICS 06		E3.11	
E3.09	Suspended so	olids consent			mg/l	0dp
E3.09 Data Definition		olids consent effluent consent standard	d with re	espect to s		•
			d with re	espect to s		•
Data Definition	Input field.		with round	espect to s		•
Data Definition Processing Rules:	Input field. erences: Ofwat		WICS	espect to s	suspende	•
Data Definition Processing Rules: Previous Refe	Input field. Perences: Ofwat 07 BOD consent	effluent consent standard	WICS 06		E3.17	d solids.
Processing Rules: Previous Refe	Input field. Perences: Ofwat 07 BOD consent On: The value of the	effluent consent standard	WICS 06		E3.17	d solids.

	E3.11	COD consent			mg/l	0dp
L	Data Definition		effluent consent sta d, if applicable at the			ical
	Processing Rules:	Input field.				
P	revious Refe	erences: Ofwat 07	-	WICS 06	E3.19	
	E3.12	Ammonia con	sent		mg/l	0dp
L	Data Definition		effluent consent sta works in question.	ndard with respec	t to ammonia	, if
	Processing Rules:	Input field.				
P	revious Refe	erences: Ofwat 07	-	WICS 06	E3.20	
	E3.13	Phosphate co	nsent		mg/l	0dp
L	Data Definition		effluent consent sta works in question.	ndard with respec	t to phosphor	ous, if
	Processing Rules:	Input field.				
P	revious Refe	erences: Ofwat 07	-	WICS 06	E3.21	
	E3.14	Compliance v	vith effluent con	sent standard	i %	0dp
I	Data Definition	from the effluent compliance = 1-	compliance with the discharge. This sho (number of failures to minands tested).	ould be calculated	l as follows: S	STW
	Processing Rules:	Input field.				
P	revious Refe	erences: Ofwat 07	-	WICS 06	E3.22	

	F0 45	Duimonu						
	E3.15	Primary		1/0				
E	Data Definition: The presence of primary treatment at the works in question, as defined under the common definitions.							
	Processing Rules:	Input field.						
P	revious Refe	erences: Ofwat 07	- WICS 06	E3.25				
	E3.16	Secondary ad	ctivated sludge	1/0				
Ľ	Data Definition		of secondary activated sludge treatment fined under the common definitions.	at the works	in			
	Processing Rules:	Input field.						
P	revious Refe	erences: Ofwat 07	- WICS 06	E3.26				
	E3.17	Secondary bi	iological	1/0				
Ľ	ļ.							
	Data Definition		of secondary biological treatment at the ne common definitions.	works in que	stion, as			
	Data Definition Processing Rules:			works in que	stion, as			
F	Processing	defined under the language of	he common definitions.	works in que	stion, as			
F	Processing Rules:	defined under the language of	he common definitions. - WICS	·	stion, as			
P	Processing Rules: Previous Refe	defined under the Input field. erences: Ofwat 07 Tertiary A1 on: The presence of	he common definitions. - WICS	E3.27				
P	Processing Rules: Previous Refe E3.18	defined under the Input field. erences: Ofwat 07 Tertiary A1 on: The presence of	he common definitions. WICS 06 of tertiary A1 treatment at the works in q	E3.27				

	E3.19	Tertiary A2		1/0	
L	Data Definition	•	f tertiary A2 treatment at the works in q non definitions (Table E8).	uestion, as d	efined
	Processing Rules:	Input field.			
P	revious Refe	E3.29			
	E3.20	Tertiary B1		1/0	
E	Data Definition		f tertiary B1 treatment at the works in q non definitions (Table E8).	uestion, as d	efined
	Processing Rules:	Input field.			
P	revious Refe	erences: Ofwat 07	- WICS 06	E3.30	
	E3.21	Tertiary B2		1/0	
Ĺ	Data Definition		f tertiary B2 treatment at the works in q non definitions (Table E8).	uestion, as d	efined
	Processing Rules:	Input field.			
P	revious Refe	erences: Ofwat 07	WICS 06	E3.31	
	E3.22	Total length o	of sewer	km	2dp
Ĺ	Data Definition		ewer in each area, including gravity sew rs. Exclude lateral sewers which shou Commentary.		
	Processing Rules:	Input field.			
P	revious Refe	erences: Ofwat 07	WICS 06	E3.47	

E3.23	Length	of critical	sewer		km	2dp
Data Definition	on: Length o	of critical sev	ver in each area	1.		
Processing Rules:	Input fie	eld.				
Previous Refe	erences:	Ofwat 07	-	WICS 06	E3.48	
E3.24	Numbe	r of pump	ing stations		nr	0dp
Data Definition	an indivi	dual pump).	Include both for	on is defined, as oul, combined ar (and exclude int	d stormwater p	oumping
Processing Rules:	Input fie	eld.				
Previous Refe	erences:	Ofwat 07	-	WICS 06	E3.49	
E3.25	Capacit	y of pump	oing station	s (m³/d)	m³/day	0dp
Data Definition	on: Total per E3.24).	ak hydraulic	pumping capad	city of pumping s	tations (as defi	ned in
Processing Rules:	Input fie	eld.				
Previous Refe	erences:	Ofwat 07	-	WICS 06	E3.50	
E3.26	Capacit	y of pump	oing station	s (kw)	kw	0dp
Data Definition	during th stormwa	ne report yea ter pumping	r for each distri stations. Excl	ns (including sta bution area. Inc ude terminal sew clude interstage	lude foul, comb age pumping s	oined and
Processing Rules:	Input fie	ıld.				
Previous Refe	erences:	Ofwat 07	-	WICS 06	E3.51	

	E3.27	Numbe	er of comb	ined pumpir	ng stations	nr	0dp	
L	Data Definition: As for line E3.24 but include only pumping stations receiving combined sewage.							
	Processing Rules:	Input fi	eld.					
P	revious Refe	erences:	Ofwat 07	-	WICS 06	E3.52		
	E3.28	Capaci (m³/d)	ity of comb	oined pumpi	ng stations	S m³/day	0dp	
	Data Definition	on: As for li sewage		include only pu	mping station	s receiving comb	ined	
	Processing Rules:	Input fi	eld.					
P	revious Refe	erences:	Ofwat 07	-	WICS 06	E3.53		
	E3.29	Numbe	er of storm	water pump	ing station	IS nr	0dp	
L	ata Definition	on: As for l	ine E3.24 but	include only pu	mping station	s receiving only s	tormwater.	
	Processing Rules:	Input fi	eld.					
P	revious Refe	erences:	Ofwat 07	-	WICS 06	E3.54		
	E3.30	Capaci (m³/d)	ity of storn	nwater pum	ping statio	ns m³/day	0dp	
E	ata Definition	on: As for l	ine E3.25 but	include only pu	mping station	s receiving only s	tormwater.	
	Processing Rules:	Input fi	eld.					

	E3.31	Number of c	ombined sew	er overflows		nr	0dp
Data Definition: The total number of combined sewer overflows on the sewerage set Those at sewage treatment works should be excluded, as should overflows.							
	Processing Rules:	Input field.					
P	revious Refe	rences: Ofwar 07	-	WICS 06		E3.56	
	E3.32	Number of co	ombined sew	er overflows		nr	0dp
L	Data Definition	The total numb are screened.	er of combined so	ewer overflows o	n the sev	ver systen	n, which
	Processing Rules:	Input field.					
P	revious Refe	rences: Ofwar 07	-	WICS 06		E3.57	
	E3.33	Farmland Un	treated			ttds	0dp
L	Data Definitio	which is dispos received no for	sewage sludge ir ed to farmland, u n of treatment de thickened and/or	ntreated. Untreasigned to reduce	ited sewa e its path	age will ha	ve ent. The
	Processing Rules:	Input field. Col	umn 'Total' is the	sum of all inputs	i.		
P	revious Refe	rences: Ofwar 07	-	WICS 06		E3.58	
	E3.34	Farmland Co	nventional			ttds	0dp
L	Data Definitio	which is dispos treated" sewag	sewage sludge ir ed to farmland, c e sludge is that w ount of E. Coli pre	onventionally trea hich has underge	ated. "Co one proce	nventiona esses des	lly igned to
	Processing Rules:	Input field. Col	umn 'Total' is the	sum of all inputs	i.		
P	revious Refe	rences: Ofwar	-	WICS 06		E3.59	

	E3.35	Farmla	nd Adva	anced			ttds	0dp		
E	Data Definition: The amount of sewage sludge in thousands of tonnes of dry solids (ttds) which is disposed to farmland, advanced treated. "Advanced" treated sewage is that which has undergone processes designed to reduce the amount of E. Coli present by no less than 99.9999% (a 6 log reduction).							ed the		
	Processing Rules:	Input fie	eld. Colum	nn 'Total' is the	sum of all inpu	ıts.				
P	revious Refe	erences:	Ofwat 07	-	WIC:	6	E3.60			
	E3.36	Inciner	ation				ttds	0dp		
E	Pata Definition			wage sludge i	n thousands of tion.	tonnes of	dry solids ((ttds)		
	Processing Rules:	Input fie	eld. Colum	nn 'Total' is the	sum of all inpu	its.				
P	revious Refe	erences:	Ofwat 07	-	WIC:	6	E3.62			
	E3.37	Landfil	I				ttds	0dp		
L	Pata Definition			wage sludge i	n thousands of	tonnes of	dry solids ((ttds)		
	Processing Rules:	Input fie	eld. Colum	nn 'Total' is the	sum of all inpu	its.				
P	revious Refe	erences:	Ofwat 07	-	WIC:	6	E3.61			
	E3.38	Compo	sted				ttds	0dp		
E	Pata Definition				n thousands of of composting.	tonnes of	dry solids ((ttds)		
	Processing Rules:	Input fie	eld. Colum	nn 'Total' is the	sum of all inpu	its.				
P	revious Refe	erences:	Ofwat 07	EVIOUS REIEIEIICES.						

	E3.39	Land Reclamation	ttds	0dp			
	Data Definition: The amount of sewage sludge in thousands of tonnes of dry solids (ttds) which is disposed of to land reclamation.						
	Processing Input field. Column 'Total' is the sum of all inputs. Rules:						
P	revious Refe	E3.64					
	E3.40	Other	ttds	0dp			
D	Data Definition: The amount of sewage sludge in thousands of tonnes of dry solids (ttds) which is disposed of by any other form of sewage sludge disposal.						
	Processing Input field. Column 'Total' is the sum of all inputs. Rules:						
Pi	Previous References: Ofwat 07 WICS 06 E3.65						