

**Dwr Cymru Cyfyngedig regulatory supplementary table- upstream services trial 2014.15**

Wholesale water		Network plus						
		Water resources		Raw water distribution		Water treatment	Treated water distribution	
		Abstraction licence	Raw water abstraction	Raw water transport	Raw water storage	Water treatment	Trunk treated water distribution	Local treated water distribution
Total operating expenditure	£m	10.550	11.098	5.658	0.299	39.912	15.986	48.989
IRC	£m	0.000	3.010	0.783	0.000	0.000	7.681	28.166
CCD	£m	0.000	4.565	0.170	0.916	32.674	18.913	3.710
Total operating costs	£m	10.550	18.673	6.611	1.215	72.586	42.579	80.864
Total BU operating costs	£m	29.223		7.826		72.586	123.443	

Drivers used -opex		Abstraction licence plus an element of costs for negotiating	All other costs included in water resources less abstraction licence		MEAV valuation to split insurance and rates	As in Accounting separation	Specific cost centres and some indirect csts allocated using MEAV and direct costs	Specific cost centres and some indirect csts allocated using MEAV and direct costs
Drivers used -IRC			All costs within water resources	All costs within raw water distribution	No infrastructure assets	As in Accounting separation	MEAV	MEAV
Drivers used -CCD			All costs within water resources		MEAV	As in Accounting separation	MEAV	MEAV
Volume/Drivers for unit costs		Raw water abstracted table 10b line4	Raw water abstracted table 10b line4	Raw water abstracted table 10b line12 raw water into treatment (731.18 ml/d) plus non potable supplies table 10b line11(29.71 ml/d)	Raw water abstracted table 10b line12 raw water into treatment (731.18 ml/d)	Potable Water Produced from Own Works	Treated (potable) water into the local distribution network or delivered to retail customer / 3rd Party Company	Supply of treated (potable) water to retail customer
Units used	ml/d	761.858	761.858	760.882	731.176	794.89	726.24	602.51
Unit costs	£/m3/day	14	25	9	2	91	59	134

Wholesale wastewater		Network plus							
		Sewage collection			Sewage treatment	Sludge treatment			Sludge disposal
		Foul	Surface water drainage	Highway drainage	Sewage treatment and disposal	Sludge transport	Sludge treatment	Liquor treatment	Sludge disposal
Total operating expenditure	£m	18.775	5.978	5.009	58.190	5.988	7.113	0.630	3.672
IRC	£m	15.843	9.508	5.091	0.088	0.000	0.000	0.000	0.000
CCD	£m	10.762	6.459	3.459	62.624	0.100	4.538	0.349	0.303
Total operating costs	£m	45.380	21.945	13.559	120.902	6.088	11.651	0.979	3.975
Total BU operating costs	£m	80.884			120.902	18.718			3.975

Drivers used -opex		Study took place in 2014.15 which used hydraulic modelling for 16 catchments (previous report based on 2 catchments). This is a basis for using 63%	Study took place in 2014.15 which used hydraulic modelling for 16 catchments ( previous report based on 2 catchments). This is a basis for using 20%	Study took place in 2014.15 which used hydraulic modelling for 16 catchments ( previous report based on 2 catchments). This is a basis for using 17%	As in Accounting separation	cost centres	total costs less sludge transport and liquor treatment	sampling approach	As in Accounting separation
Drivers used -IRC					As in Accounting separation	No IRC	No IRC	No IRC	As in Accounting separation
Drivers used -CCD					As in Accounting separation	managers estimate( 2%)	managers estimate (91%)	managers estimate (7%)	As in Accounting separation
Volume/Drivers for unit costs		Sewerage table 17a line 4- Volume of sewage collection (daily average) Ml/d * 63%	Sewerage table 17a line 4- Volume of sewage collection (daily average) Ml/d* 20%	Sewerage table 17a line 4- Volume of sewage collection (daily average) Ml/d * 17%	Sewage loads Table 15 line5- total loads entering sewerage system	Total volume moved	Sewage loads Table 15 line14- total sewage sludge produced	Assumption that 9 % of total output relates to liquor treatment	Sewage loads Table 15 line15- total sewage sludge disposed
Units used		169.130 ml/d	112.753 ml/d	95.84 ml/d	92462 t BOD/year	411220 m3	67.38 ttds	3.7 ttds	67.38 ttds
Unit costs		£268.3 m3/d	£194.6 ml/d	£141.5 ml/d	£1308 t BOD/year	£14.76 / m3	£172908 /ttds	£264600/ ttds	£58993/ ttds