

Table LBW6.1: Existing water system replacement value - Summary

Ashton			
Description	Cost (Rand)		Cost (Rand)
	exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT	
Bulk pipes	2 085 640		2 920 000
Reservoirs	20 205 500		28 290 000
Towers	0		0
Pumping stations	8 028 076		11 240 000
Reticulation pipes			
44.6 km Pressure pipelines < 175mm Ø	11 066 445		15 500 000
14.4 km Pressure pipelines ≥ 175mm Ø	10 031 623		14 050 000
2031 Erf connections	2 040 000		2 860 000
Total cost	53 457 284		74 860 000
Present AADD (kℓ/d)			4 670
Unit replacement value (R/kℓ/d)			16 030

Bonnievale			
Description	Cost (Rand)		Cost (Rand)
	exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT	
Bulk pipes	744 615		1 050 000
Reservoirs	8 955 100		12 540 000
Towers	0		0
Pumping stations	3 546 325		4 970 000
Reticulation pipes			
41.0 km Pressure pipelines < 175mm Ø	10 314 490		14 450 000
7.8 km Pressure pipelines ≥ 175mm Ø	4 843 825		6 790 000
1534 Erf connections	1 540 000		2 160 000
Total cost	29 944 355		41 960 000
Present AADD (kℓ/d)			4 077
Unit replacement value (R/kℓ/d)			10 292

McGregor			
Description	Cost (Rand)		Cost (Rand)
	exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT	
Bulk pipes	218 400		310 000
Reservoirs	3 691 989		5 170 000
Towers	0		0
Pumping stations	0		0
Reticulation pipes			
12.5 km Pressure pipelines < 175mm Ø	2 933 480		4 110 000
0.0 km Pressure pipelines ≥ 175mm Ø	0		0
508 Erf connections	510 000		720 000
Total cost	7 353 869		10 310 000
Present AADD (kℓ/d)			593
Unit replacement value (R/kℓ/d)			17 386

Montagu			
Description	Cost (Rand)		Cost (Rand)
	exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT	
Bulk pipes	22 157 010		31 020 000
Reservoirs	27 629 700		38 690 000
Towers	0		0
Pumping stations	5 724 872		8 020 000
Reticulation pipes			
55.7 km Pressure pipelines < 175mm Ø	14 204 600		19 890 000
5.1 km Pressure pipelines ≥ 175mm Ø	3 189 760		4 470 000
2947 Erf connections	2 950 000		4 130 000
Total cost	75 855 942		106 220 000
Present AADD (kℓ/d)			3 490
Unit replacement value (R/kℓ/d)			30 434

Robertson			
Description	Cost (Rand)		Cost (Rand)
	exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT	
Bulk pipes	0		0
Reservoirs	23 189 425		32 470 000
Towers	0		0
Pumping stations	4 078 132		5 710 000
Reticulation pipes			
84.8 km Pressure pipelines < 175mm Ø	683 760		960 000
7.8 km Pressure pipelines ≥ 175mm Ø	0		0
4740 Erf connections	4 740 000		6 640 000
Total cost	32 691 317		45 780 000
Present AADD (kℓ/d)			5 712
Unit replacement value (R/kℓ/d)			8 015

Langeberg - Total			
Description	Cost (Rand)		Cost (Rand)
	exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT	
Bulk pipes	25 205 665		35 290 000
Reservoirs	83 671 714		117 150 000
Towers	0		0
Pumping stations	21 377 405		29 930 000
Reticulation pipes			
238.7 km Pressure pipelines < 175mm Ø	39 202 775		54 890 000
35.1 km Pressure pipelines ≥ 175mm Ø	18 065 208		25 300 000
11760 Erf connections	11 780 000		16 500 000
Total cost	199 302 767		279 060 000
Present AADD (kℓ/d)			18 542
Unit replacement value (R/kℓ/d)			15 050