

Table LBS6.1: Sewer system replacement value - Existing system

Ashton		Cost (Rand)	Cost (Rand)
		exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT
33.8 km	Gravity pipelines < 175mm Ø	20 606 451	28 850 000
3.5 km	Gravity pipelines ≥ 175mm Ø	2 772 151	3 890 000
0.8 km	Rising mains < 175mm Ø	240 741	340 000
2.5 km	Rising mains > 175mm Ø	1 153 664	1 620 000
3 Pump stations		1 699 796	2 380 000
2031 Erf connections		2 040 000	2 860 000
Total cost		28 512 804	39 940 000
Present PDDWF (kℓ/d)			1 834
Unit replacement value (R/kℓ/d)			21 778

Bonnievale		Cost (Rand)	Cost (Rand)
		exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT
31.7 km	Gravity pipelines < 175mm Ø	17 153 304	24 020 000
1.4 km	Gravity pipelines ≥ 175mm Ø	1 000 587	1 410 000
4.2 km	Rising mains < 175mm Ø	1 343 458	1 890 000
1.9 km	Rising mains > 175mm Ø	1 111 361	1 560 000
7 Pump stations		4 333 364	6 070 000
1534 Erf connections		1 540 000	2 160 000
Total cost		26 482 074	37 110 000
Present PDDWF (kℓ/d)			2 450
Unit replacement value (R/kℓ/d)			15 147

McGregor		Cost (Rand)	Cost (Rand)
		exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT
6.2 km	Gravity pipelines < 175mm Ø	3 291 310	4 610 000
0.2 km	Gravity pipelines ≥ 175mm Ø	160 341	230 000
0.0 km	Rising mains < 175mm Ø	0	0
0.0 km	Rising mains > 175mm Ø	0	0
0 Pump station		0	0
508 Erf connections		510 000	720 000
Total cost		3 961 652	5 560 000
Present PDDWF (kℓ/d)			157
Unit replacement value (R/kℓ/d)			35 414

Montagu		Cost (Rand)	Cost (Rand)
		exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT
60.1 km	Gravity pipelines < 175mm Ø	36 448 990	51 030 000
5.9 km	Gravity pipelines ≥ 175mm Ø	4 348 867	6 090 000
3.2 km	Rising mains < 175mm Ø	947 709	1 330 000
1.3 km	Rising mains > 175mm Ø	610 436	860 000
4 Pump stations		2 219 952	3 110 000
2947 Erf connections		2 950 000	4 130 000
Total cost		47 525 954	66 550 000
Present PDDWF (kℓ/d)			2 087
Unit replacement value (R/kℓ/d)			31 888

Robertson		Cost (Rand)	Cost (Rand)
		exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT
74.4 km	Gravity pipelines < 175mm Ø	45 019 886	63 030 000
12.9 km	Gravity pipelines ≥ 175mm Ø	11 017 529	15 430 000
3.3 km	Rising mains < 175mm Ø	1 097 689	1 540 000
0.0 km	Rising mains > 175mm Ø	0	0
4 Pump stations		2 072 784	2 910 000
4704 Erf connections		4 140 000	5 800 000
Total cost		63 347 889	88 710 000
Present PDDWF (kℓ/d)			4 136
Unit replacement value (R/kℓ/d)			21 448

Langeberg Municipality - Total		Cost (Rand)	Cost (Rand)
		exc. P&G, Cont., Fees and VAT	inc. P&G, Cont., Fees exc. VAT
206.2 km	Gravity pipelines < 175mm Ø	122 519 941	171 530 000
23.9 km	Gravity pipelines ≥ 175mm Ø	19 299 475	27 020 000
11.4 km	Rising mains < 175mm Ø	3 629 598	5 090 000
5.7 km	Rising mains > 175mm Ø	2 875 462	4 030 000
18 Pump stations		10 325 896	14 460 000
11724 Erf connections		11 180 000	15 660 000
Total cost		169 830 373	237 790 000
Present PDDWF (kℓ/d)			10 664
Unit replacement value (R/kℓ/d)			22 298