

Appendix G
Northern Region Developer Charges Calculation Sheet

NORTHERN REGION WATER SUPPLY

CALCULATION OF MAXIMUM PRICE

Index

Table 1: Calculation of maximum price (\$, \$2024-25)	Row
Table 2: Key variables used in maximum price calculation (\$, \$2024-25)	17
Table 3: Annual calculation over analysis horizon (\$, \$2024-25)	26
	35

Table 1: Calculation of maximum price (\$, \$2024-25)

Maximum price	Costs to be recovered via DSP	Headworks costs per ET	Scheme cost allocation per ET	Pre-1996 assets	Post-1996 commissioned assets	Post-1996 uncommissioned assets	Reduction for expected revenue and operation costs
				ETs	ETs	ETs	ETs
4,151		0.00	0.00	319,108,074	85,021,456	91,303,651	110,769,714
	Value per ET			69,457	64,777	64,777	34,998
				4,594	1,313	1,410	3,165

Table 2: Key variables used in maximum price calculation (\$, \$2024-25)

Sum of new ETs (not discounted)	Sum of PV of new ETs (discounted at pre-1996 asset discount rate)	Sum of PV of new ETs (discounted at post-1996 asset discount rate)	Sum of PV of new ETs (discounted at expected revenue and costs discount rate)	Sum of PV of Pre-1996 commissioned assets (discounted at pre-1996 asset discount rate)	Sum of PV of Post-1996 commissioned assets (discounted at post-1996 asset discount rate)	Sum of PV of Post-1996 uncommissioned assets (discounted at post-1996 asset discount rate)	Sum of PV of revenue for new customers (discounted at expected future revenue and costs discount rate)	Sum of PV of costs for new ETs (discounted at expected future revenue and costs discount rate)
69,457,496	69,457	64,777	34,998	319,108,074	85,021,456	91,303,651	240,969,288	130,199,574

NORTHERN REGION SEWERAGE – WONGA POINT CATCHMENT

CALCULATION OF MAXIMUM PRICE

Index

	Row
Table 1: Calculation of maximum price (\$, \$2024-25)	17
Table 2: Key variables used in maximum price calculation (\$, \$2024-25)	26
Table 3: Annual calculation over analysis horizon (\$, \$2024-25)	35

Table 1: Calculation of maximum price (\$, \$2024-25)

Maximum price	Costs to be recovered via DSP	Headworks costs per ET	Scheme cost allocation per ET	Pre-1996 assets		Post-1996 commissioned assets	Post-1996 uncommissioned assets	Reduction for expected revenue and operation costs
				Pre-1996 assets	Post-1996 commissioned assets	Post-1996 uncommissioned assets	Reduction for expected revenue and operation costs	
	ETs			42,636,741	14,048,129	7,368,199	10,955,715	
	Value per ET	0.00	0.00	4,131	1,243	652	2,929	
3,097								

Table 2: Key variables used in maximum price calculation (\$, \$2024-25)

Sum of new ETs (not discounted)	Sum of PV of new ETs (discounted at pre-1996 asset discount rate)	Sum of PV of new ETs (discounted at post-1996 asset discount rate)	Sum of PV of new ETs (discounted at expected revenue and costs discount rate)	Sum of PV of Pre-1996 commissioned assets (discounted at pre-1996 asset discount rate)	Sum of PV of Post-1996 commissioned assets (discounted at post-1996 asset discount rate)	Sum of PV of Post-1996 uncommissioned assets (discounted at post-1996 asset discount rate)	Sum of PV of revenue for new customers (discounted at expected future revenue and costs discount rate)	Sum of PV of costs for new ETs (discounted at expected future revenue and costs discount rate)
10,320,894	10,321	11,300	3,740	42,636,741	14,048,129	7,368,199	23,998,209	13,042,493

NORTHERN REGION SEWERAGE – NORAH HEAD CATCHMENT

CALCULATION OF MAXIMUM PRICE

Index

	Row
1 Table 1: Calculation of maximum price (\$, \$2024-25)	17
2 Table 2: Key variables used in maximum price calculation (\$, \$2024-25)	26
3 Table 3: Annual calculation over analysis horizon (\$, \$2024-25)	35

Table 1: Calculation of maximum price (\$, \$2024-25)

Maximum price	Costs to be recovered via DSP	Headworks costs per ET	Scheme cost allocation per ET	Pre-1996 assets	Post-1996 commissioned assets	Post-1996 uncommissioned assets	Reduction for expected revenue and operation costs
				319,108,074	85,021,456	91,303,651	110,769,714
	ETs	69,457		64,777	64,777		34,998
4,151	Value per ET	0.00	0.00	4,594	1,313	1,410	3,165

Table 2: Key variables used in maximum price calculation (\$, \$2024-25)

Sum of new ETs (not discounted)	Sum of PV of new ETs (discounted at pre-1996 asset discount rate)	Sum of PV of new ETs (discounted at post-1996 asset discount rate)	Sum of PV of new ETs (discounted at expected revenue and costs discount rate)	Sum of PV of Pre-1996 commissioned assets (discounted at pre-1996 asset discount rate)	Sum of PV of Post-1996 commissioned assets (discounted at post-1996 asset discount rate)	Sum of PV of Post-1996 uncommissioned assets (discounted at pre-1996 asset discount rate)	Sum of PV of revenue for new customers (discounted at expected future revenue and costs discount rate)	Sum of PV of costs for new ETs (discounted at expected future revenue and costs discount rate)
69,457,496	69,457	64,777	34,998	319,108,074	85,021,456	91,303,651	240,969,288	130,199,574