Northern Region Water Supply and Sewerage Development Servicing Plan 2019 Version 2.0 Oct 2019
Appendix I
Northern Region Developer Charges Calculation Sheet

Northern Region Water Supply

CALCULATION OF MAXIMUM PRICE

Index

		Row
1	Table 1: Calculation of maximum price (\$, \$2019-20)	16
2	Table 2: Key variables used in maximum price calculation (\$, \$2019-20)	25
3	Table 3: Annual calculation over analysis horizon (\$, \$2019-20)	34

Note: an input is required in \$F\$21 to incorporate the Headwork costs per ET into the maximum price.

Table 1: Calculation of maximum price (\$, \$2019-20)

Maximum price per ET Pre-1996 assets assets assets operation costs Costs to be recovered via DSP 54,444,599 37,585,654 35,974,181 70,889,648					Post-1996	Post-1996	Reduction for expected
Costs to be recovered via DSP 54,444,599 37,585,654 35,974,181 70,889,648			Headworks costs	D 4000	commissioned	uncommissioned	revenue and
	waximum price		per⊨i	Pre-1996 assets	assets	assets	operation costs
	I	Costs to be recovered via DSP		54,444,599	37,585,654	35,974,181	70,889,648
ETs 75,804 69,908 69,908 29,909	İ	ETs		75,804	69,908	69,908	29,909
3,333 Value per ET 3,933.00 718 538 515 2,370	3,333	Value per ET	3,933.00	718	538	515	2,370

Table 2: Key variables used in maximum price calculation (\$, \$2019-20)

Sum of PV of new ETs Giscounted at expected Giscounted at expected Giscounted at pre-1996 asset giscounted Giscounted Giscounted Giscounted Giscounted Giscounted Giscount Giscounted Giscount G	new ETS 1996 Post-1996 Post-1996 Sum of PV of new ETS
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Northern Region Sewerage

CALCULATION OF MAXIMUM PRICE

Index

		Row
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Note: an input is required in \$F\$21 to incorporate the Headwork costs per ET into the maximum price.

Table 1: Calculation of maximum price (\$, \$2019-20)

						Reduction for
				Post-1996	Post-1996	expected
		Headworks		commissioned	uncommissione	revenue and
Maximum price		costs per ET	Pre-1996 assets	assets	d assets	operation costs
	Costs to be recovered via DSP		240,627,464	86,930,731	42,822,157	81,525,162
	ETs		75,406	69,430	69,430	29,909
2,334	Value per ET		3,191	1,252	617	2,726

Table 2: Key variables used in maximum price calculation (\$, \$2019-20)

Sum of new ETs (not	Sum of PV of new ETs (discounted at	Sum of PV of new ETs (discounted at post-1996 asset	Sum of PV of new ETs (discounted at expected revenue and	Sum of PV of Pre- 1996 commissioned assets (discounted at	Sum of PV of Post-1996 commissioned assets (discounted at post-1996 asset	Sum of PV of Post-1996 uncommissione d assets (discounted at post-1996 asset	Sum of PV of revenue for new customers (discounted at expected future revenue and	Sum of PV of costs for new ETs (discounte at expected future revenue
Sum of new E1s (not	pre-1996 asset	post-1996 asset	costs discount	pre-1996 asset	post-1996 asset	post-1996 asset	costs discount	and costs
discounted)	discount rate)	discount rate)	rate)	discount rate)	discount rate)	discount rate)	rate)	discount rate
75,406,000	75,406	69,430	29,909	240,627,464	86,930,731	42,822,157	163,577,052	82,051,