

Waimea Dam - Estimated costs for Nelson City Council: Dam / No Dam

October 2017

Spend - capital	Dam	When	No Dam	When
Contribution to project	\$5M	2018/19 and 2019/2020	-	-
Reticulation to Nelson South industrial	-	-	\$3.2M	1-2 years of the decision
Pump station upgrade Maitai Raw water main	\$2M	10+years	\$2M	Without dam 5-10 years of the decision
Upgrade Tantragee WTP (Pre-treatment)	\$15 – 20M	Depends on raw water supply option and customer water quality and quantity demands. Possibly 10+ years	\$15 – 20M	Depends on raw water supply option and customer water quality and quantity demands. Possibly 5-10 years of the decision
OR				
Use treatment plant membranes and replace more often	\$6.5M	Every 6 – 8 years	\$6.5M	Every 6 - 8 years
Additional storage Tantragee WTP	\$2M	10+years	\$2M	5-10 years of the decision
Upgrade pumps if NCC wants water from TDC to reach upper hillsides Stoke and Tahunanui	\$1M	Only if demand requires and only if NCC takes Dam water from TDC. Probably 10+ years	-	-
Investment in TDC reticulation if NCC requires water	\$15 – 22M	Probably 10+ years and only if NCC takes Dam water from TDC	-	-
	\$40 - \$50		\$22.2 – \$27.2	

Spend - operational	Dam	When	No Dam	When
Operational costs associated with Dam	\$92 000	Annually, if equity. (If grant, operational cost will be included in rate NCC pays for water supplied by TDC, if any)	-	-

Estimated	Estimated
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