

Appendix B

Northern Water Supply Works Summary - 2024

	Diameter (mm)	Length (m)	Rate (\$/m)	Cost (\$2024/25)	Forecast Completion Year
Water Mains - Northern DSP					
Bellevue Rd - The Entrance Rd through proposed subdivision	200	625	\$ 477	\$ 298,020	2030
Bellevue Rd - The Entrance Rd through proposed subdivision	200	712	\$ 477	\$ 339,504	2030
Water Main - Narrawa Ave	200	210	\$ 477	\$ 100,135	2030
Water Main - Fairport Ave to Marine Pde	200	200	\$ 477	\$ 95,366	2026
Water Main - Beenbah Ave	200	120	\$ 477	\$ 57,220	2030
Water Main - Gosford Ave to Anzac Ave/Frazer Rd	200	200	\$ 477	\$ 95,366	2030
Water Main - Archbold Rd	200	120	\$ 477	\$ 57,220	2030
Water Main - Kitchener Rd	200	200	\$ 477	\$ 95,366	2030
Water Main - Stella, Bay Rd & Pacific St	200	740	\$ 477	\$ 352,855	2030
Water Main - Yethonga St	200	120	\$ 477	\$ 57,220	2030
Water Main - Oaks Ave	200	380	\$ 477	\$ 181,196	2030
Water Main - Denning St, Bay Rd & Boondilla	200	770	\$ 477	\$ 367,160	2028
Water Main - The Entrance Bridge - Associated with SRM Upgrade	200			\$ 725,000	2029
Water Mains DN 200mm - Arizona Rd to Charmhaven TM	200	1250	\$ 477	\$ 596,039	2030
Water Mains DN 200mm - Blue Haven to Tooheys Rd Industrial Land	200	2800	\$ 477	\$ 1,335,128	2026
Water Mains DN 200mm - Kiar Ridge zone	200	4845	\$ 477	\$ 2,310,248	2025
Water Mains DN 450mm - Kiar Ridge Reservoir to M2W Pipeline	450	4750	\$ 965	\$ 4,582,918	2029
Water Mains DN 200mm - Wyong Precinct 6	200	3110	\$ 477	\$ 1,482,946	2030
Water Mains DN 250mm - Wyong Precinct 6	250	1080	\$ 571	\$ 616,317	2030
Water Mains DN 375mm - Wyong Precinct 6	375	950	\$ 783	\$ 743,948	2030
Water Mains DN 200mm - Hakone Road Linkage	200	200	\$ 477	\$ 95,366	2028
Water Mains - Murrawal Rd / Wahroonga Rd / Louisiana Rd Rising Main	200	1720	\$ 477	\$ 820,150	2036
Water Mains - Welog - Jensen Rd	200	1850	\$ 477	\$ 882,138	2028
Water Mains - Welog Johns Rd to Jensen Rd	200	950	\$ 477	\$ 452,990	2028
Water Mains - Darkinjung - Chainvalley Bay Rd (West)	200	908	\$ 477	\$ 432,963	2028
Water Mains - Darkinjung - Chainvalley Bay Rd (East)	200	707	\$ 477	\$ 337,120	2028
Water Main - Rising Main Precinct 20	200	1500	\$ 477	\$ 715,247	2030
Total				\$ 18,225,146	

Water Reservoir - Northern DSP	Capacity (ML)	Update Forecast Completion Year	GHD Estimate from Options Report (\$2017)	2017 Rate Indexed to 2019/20	2019/20 Rate Indexed to 2024/25
Kiar Ridge	15	2029	\$10,006,523	\$10,376,764	\$12,535,131
Note: NSW Public Works Department of Commerce estimated the cost of the proposed Kiar Ridge Reservoir as part of their water modelling investigations completed in 2008.					
The cost estimate was later updated as part of an investigation into intial options for the site by GHD which included geotechnical investigation.					