

# **Macarthur Water Delivery Network Capacity Report**

Name of water delivery system	Macarthur Water Delivery System
Name of distribution system	Appin Water Distribution System
	Campbelltown Water Distribution System
	Narellan Water Distribution System
Map of Network	https://www.sydneywater.com.au/SW/water-the-environment/how-we-
	manage-sydney-s-water/water-network/index.htm

Sustain Sumanani	Projected			
System Summary	2026	2031	2041	2051
Demand MDD (ML/d)				
Appin	17.9	19.5	30.9	47.5
Campbelltown South Elevated	5.8	6.1	6.1	6.2
Campbelltown South	19.4	26.6	28.3	28.4
Ingleburn	11.3	13.1	13.9	13.9
Kentlyn Elevated	3.7	3.8	3.8	3.8
Leppington, Leppington Elevated, Raby	58.5	118.6	193.0	249.1
Narellan South / Camden Park	59.5	66.0	70.7	72.2
Rosemeadow	7.2	7.2	7.3	7.4

	Infrastructure requirement and Capacity Constraints					
Planning Horizon	Infrastructure and Location	Purpose	Approximate Capital Cost (\$m)			
2023	Water Network Reservoir	Growth	\$18.7M			
2023	Water Network Watermain	Growth	\$14.4M			
2024	Water Network Watermain	Growth	\$17.9M			
2025	Water Network System	Growth	\$11.9M			
2026	Water Network Reservoir	Growth	\$20.7M			
2026	Water Network Watermain	Growth	\$216.3M			
2027	Water Network Watermain	Growth	\$11.8M			
2028	Water Network Watermain	Growth	\$2.98M			
2030	Water Network System	Growth	\$35.8M			
2030	Water Network Watermain	Growth	\$111.4M			
2031	Water Network Pumping	Growth	\$23.2M			
2031	Water Network Reservoir	Growth	\$9.2M			
2031	Water Network Watermain	Growth	\$5.7M			
2036	Water Network Pumping	Growth	\$38.8M			
2036	Water Network Watermain	Growth	\$7.27M			
2041	Water Network Watermain	Growth	\$98.8M			
2046	Water Network Reservoir	Growth	\$20.8M			
2046	Water Network Watermain	Growth	\$98.7M			

Information sources, where publicly available		
N/A (not publicly available)		

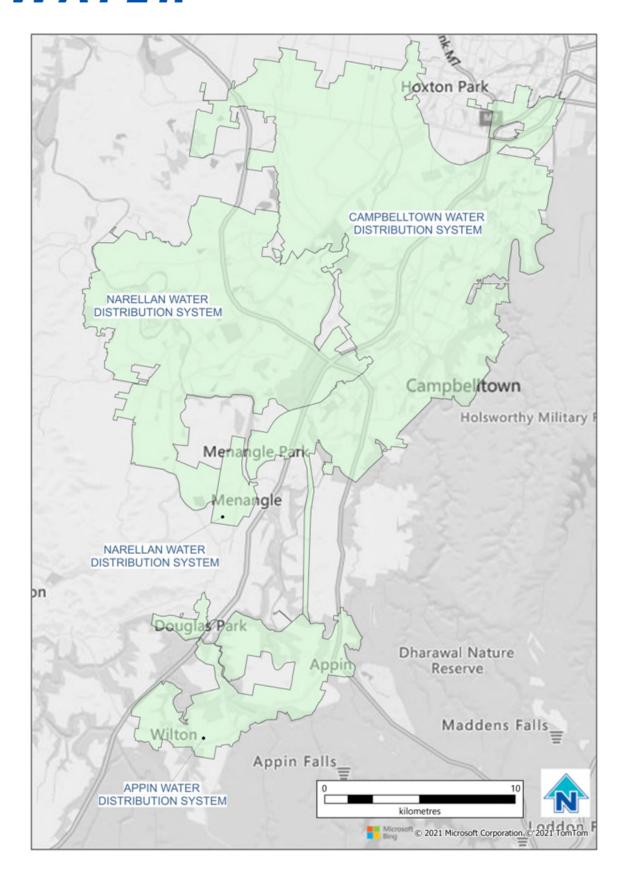
Further investigations		
Refer to Growth Servicing Plan 2022-2027:		
https://www.sydneywater.com.au/plumbing-building-developing/developing/growth-servicing-plan.html		

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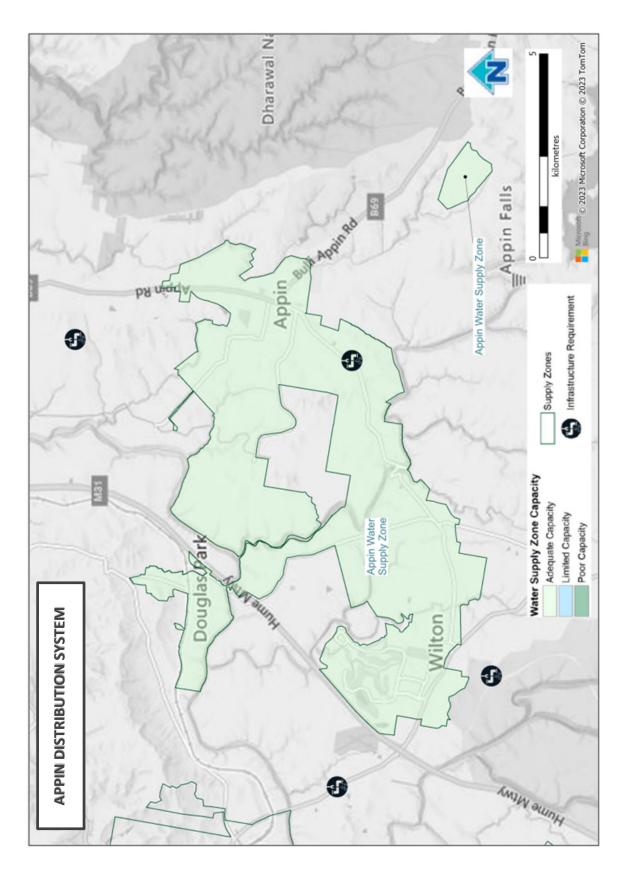
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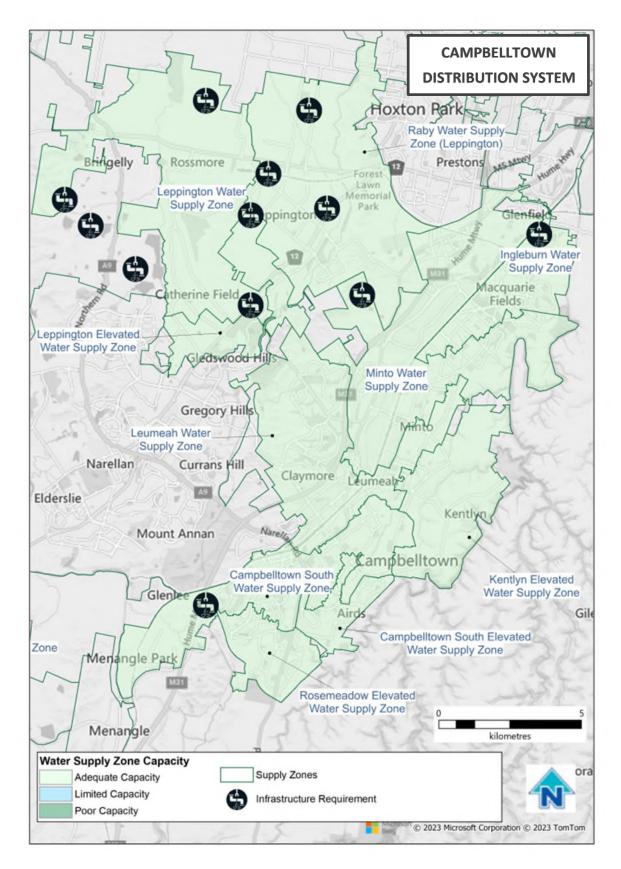




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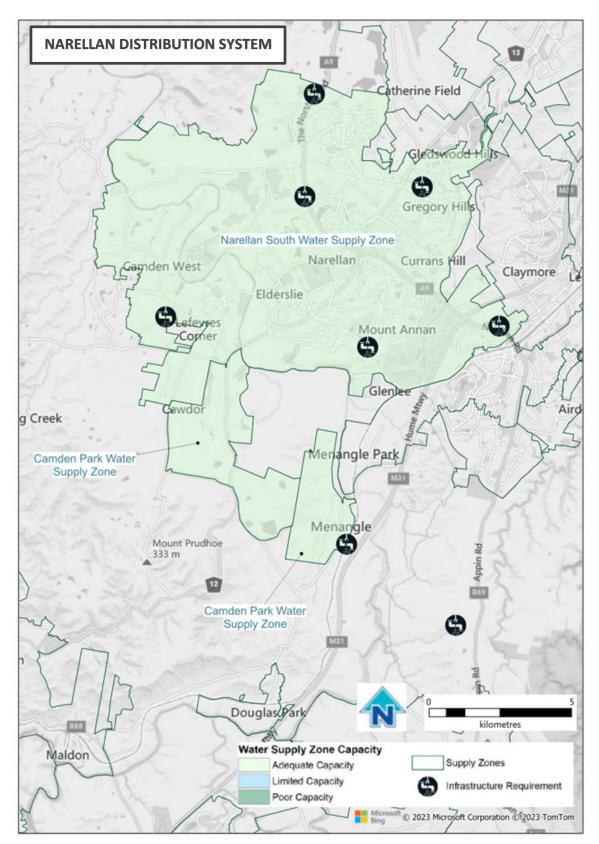


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