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Prospect South Water Delivery Network Capacity Report

Name of water delivery system	Prospect South Water Delivery System		
Name of distribution system	Cecil Park Water Distribution System		
	Liverpool Water Distribution System		
	Wetherill Park Water Distribution System		
	Minchinbury Water Distribution System		
Map of Network	f Network https://www.sydneywater.com.au/SW/water-the-environment/how-we-		
	manage-sydney-s-water/water-network/index.htm		

System Summary	Projected			
System Summary	2026	2031	2041	2051
Demand MDD (ML/d)				
Cecil Park	129.8	257.0	349.9	370.3
Bonnyrigg	22.9	23.3	24.2	24.8
Carnes Hill	13.6	13.8	14.1	14.3
Liverpool, Mt Pritchard, Hammondville, and Voyager Point	82.4	91.6	103.6	113.4
Wetherill Park	19.5	20.2	20.9	21.3
Prestons	7.3	7.6	8.3	9.0
Minchinbury and Minchinbury Elevated	59.6	64.8	69.6	71.8

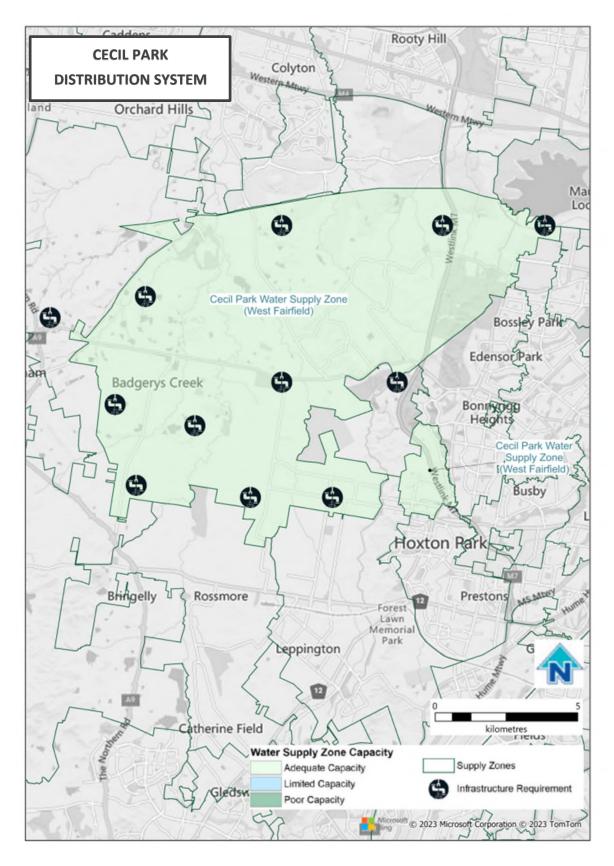
Infrastructure requirement and Capacity Constraints						
Planning Horizon	Infrastructure and Location	Purpose	Approximate Capita Cost (\$m)			
2023	Water Network Watermain	Growth	\$15.7M			
2025	Water Network System	Growth	\$30.8M			
2025	Water Network Watermain	Growth	\$78.5M			
2026	Water Network Pumping	Growth	\$1.9M			
2026	Water Network Watermain	Growth	\$5.7M			
2027	Water Network Watermain	Growth	\$1.2M			
2028	Water Network Pumping	Growth	\$11M			
2028	Water Network Watermain	Growth	\$6.6M			
2030	Water Network System	Growth	\$1.8M			
2030	Water Network Watermain	Growth	\$52.4M			
2031	Water Network Watermain	Growth	\$14.M			
2036	Water Network Watermain	Growth	\$2.06M			

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

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

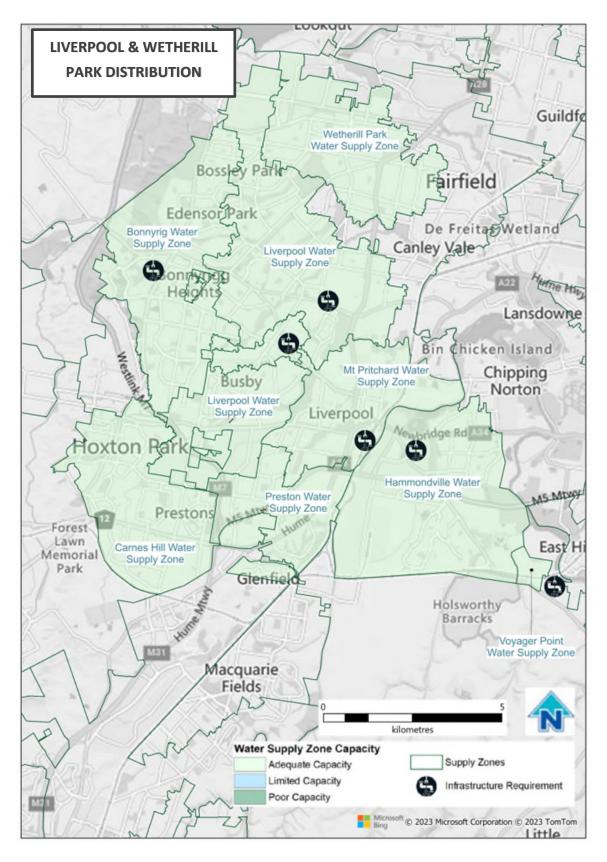
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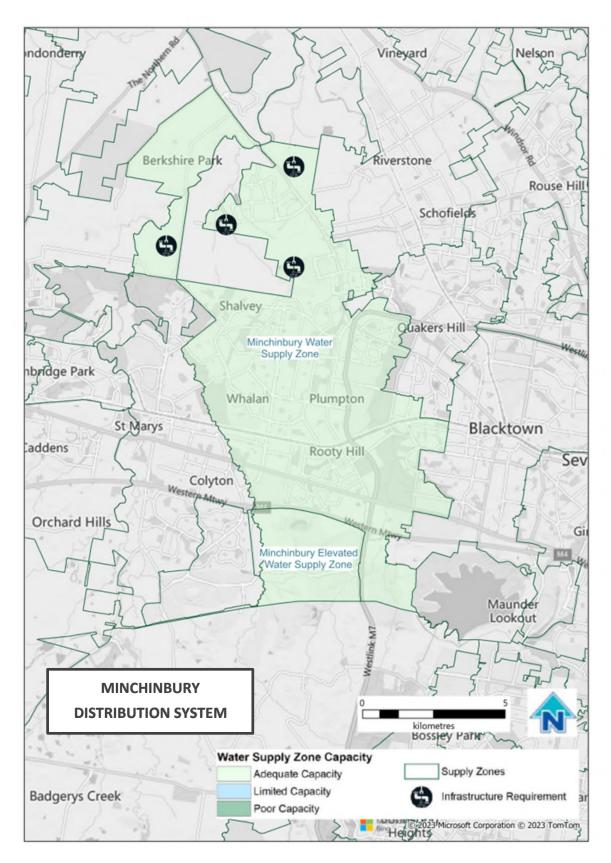
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