

Name of water treatment plant	Illawarra Water Filtration Plant
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System Summary	Projected				
	2026	2031	2041	2046	2051
Total Equivalent Population (EP)	372,131	396,266	417,329	421,791	426,252
Average day demand (ADD) ML/d	83.4	88.7	93.7	94.8	96.0
Max day demand (MDD) ML/d	151.83	161.48	170.48	172.6	174.72

Current treatment capacity	(ML/d)
Treatment / filtration - normal raw water quality	189
Treatment / filtration - poor raw water quality	105

Treatment capacity constraints for 2022 – 2036	Estimated year of exceedance
No typical raw water quality production capacity constraints for growth servicing.	Beyond 2036

Anticipated augmentation and upgrades 2022-2036			
Year commissioned	Description	Approximate capital cost (\$M)	Impact on servicing capacity
2026	Upgrade to WT0044 WFP pumping station	\$8.8	Addresses the RSL breach at Dapto reservoirs due to pump capacity issues

Further investigations
Additional investments may be required to address the derating of capacity with poor raw water capacity.