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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 |
| | | | | |

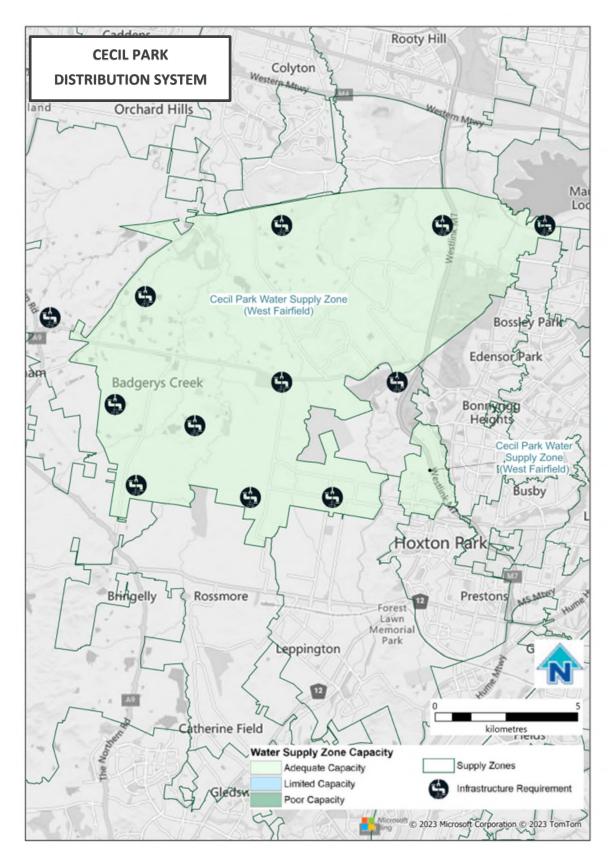
| Infrastructure requirement and Capacity Constraints | | | | | | |
|---|-----------------------------|---------|----------------------------------|--|--|--|
| Planning Horizon | Infrastructure and Location | Purpose | Approximate Capita Cost (\$m) | | | |
| 2023 | Water Network Watermain | Growth | \$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>

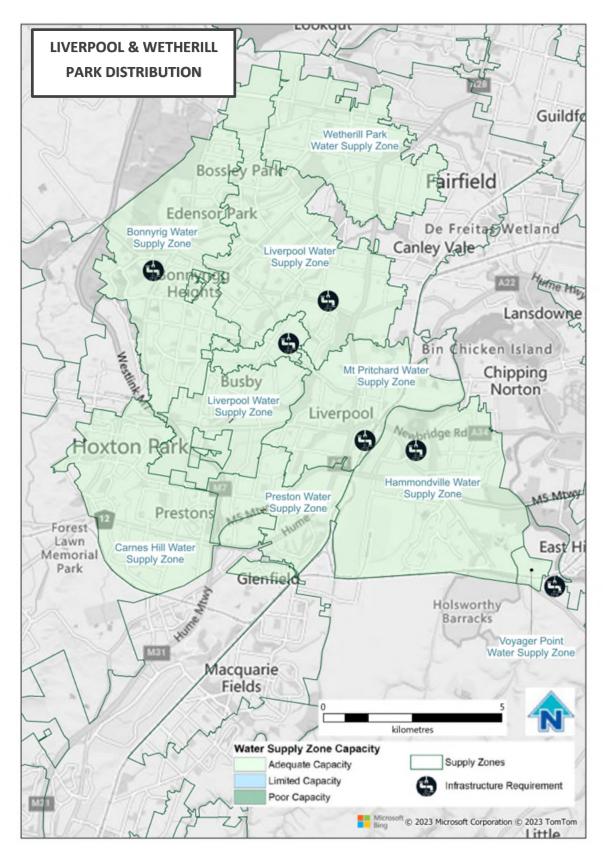
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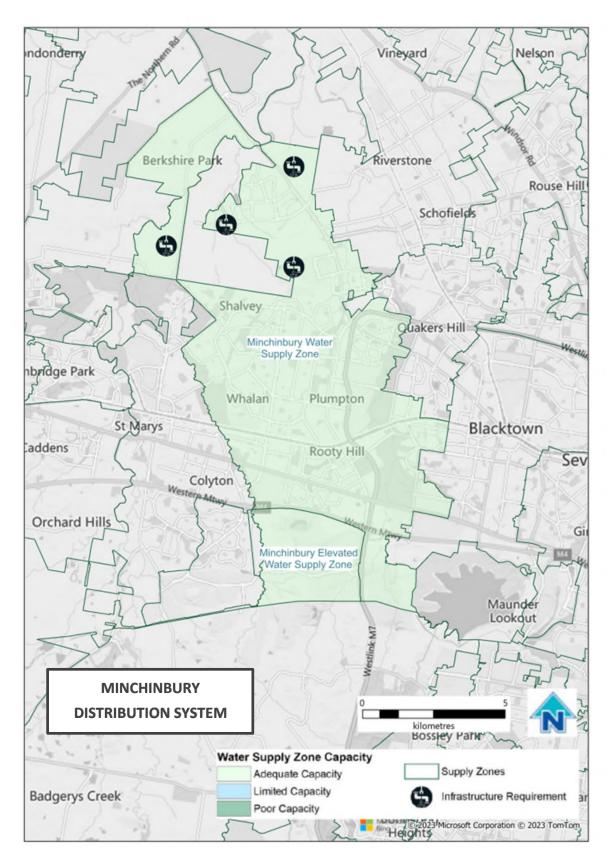
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