

Duck Irrigation Scheme

Scheme Performance

The 2024/25 season for the Duck River Irrigation Scheme began with a slower start, as water was harvested late in the off-season to replenish Mill Creek Dam. Once the dam volume reached full entitlement allocations, the scheme was able to effectively meet the irrigation needs of all irrigators for the season.

A small issue with one of the pumps at the start of the season caused a minor delay, but this was swiftly addressed by TI staff and external contractors, ensuring that the system was fully operational by the beginning of the irrigation period.

Throughout the summer months, water flowed freely to irrigators without any major disruptions. The scheme performed reliably, with water deliveries made consistently and no significant challenges affecting the overall operation.

Looking ahead, maintenance work will be required at the Smithton and Edith pump stations at the end of the irrigation season. These upgrades will ensure continued system efficiency for the coming year.

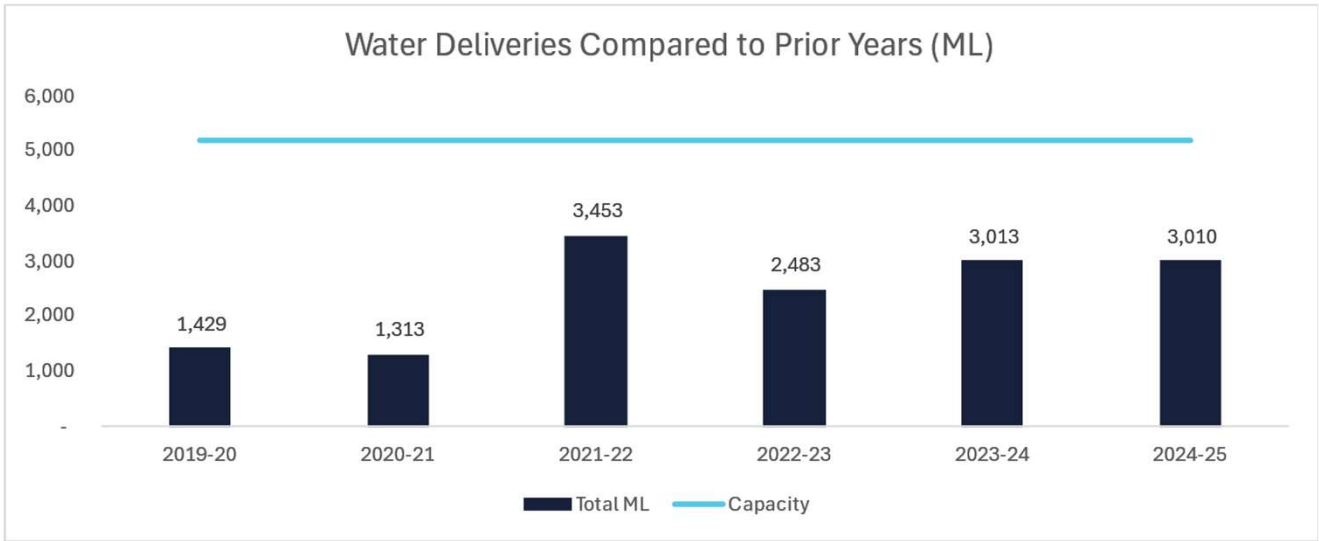
Overall, the scheme performed well, and I am satisfied with the amount of water that has been delivered to irrigators, ensuring their needs were met during a busy season.



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Water Delivery

The 2024-25 summer irrigation season ran for 180 days, opening on 1 November 2024 and closing on 30 April 2025. 100 per cent of the Scheme’s water allocation was available and approximately 3,010 ML of water was delivered during the season. The volume delivered represents a 58 per cent utilisation rate of the Scheme’s 5,200 ML total summer capacity.



Asset Renewal Levy

The ARL makes provisions for major asset repairs and replacements required to ensure the continuing operation of the Scheme. The table below shows the asset renewal works completed or expected to be completed prior to the next season.

Facility Name	ARL Task Description
Smithton Pump Station	Silt cleaning from suction screens
Edith Creek Pump Station	Silt cleaning from suction screens
Smithton Pump Station	Pump overhaul
Balance tanks	Ladder repairs
Scheme Wide	Property outlet battery replacements

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Repairs and Maintenance

The table below shows the general repairs and maintenance completed or expected to be completed prior to the next season.

Maintenance Task Description
Electrical switchboard periodic maintenance inspections
Pump station vibration monitoring assessments
Weed and vegetation management
Motor & pump lubrication



Get in Touch:

Phone: (03) 6398-8433

Email: enquiries@tasirrigation.com.au

www.tasmanianirrigation.com.au