



CASE STUDY PRODUCT:
DAVEY 2MLV DUAL PUMP SET

DAVEY MASTER DEALER:
Total Water Services
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Reliable Irrigation Solution for Colleges Crossing Parklands

Ipswich City Council faced a significant challenge with their previous irrigation system at Colleges Crossing Parklands in Chuwar, QLD. The previous system was a pain point for the local council given it ended up under water on multiple previous occasions resulting in costly servicing, replacements and downtime.

Davey Master Dealer, Total Water Services was appointed the successful contractor to deliver a new irrigation system to which included elevating the pumpset above the flood level, reducing risk of flood damage to critical infrastructure.

The Challenge

Colleges Crossing Parklands required a reliable irrigation system that could withstand flooding while efficiently utilising river water.

- The existing irrigation system was vulnerable to flood damage.
- The project required a pump system that could effectively use river water while maintaining stable performance.
- Competitor dual pump sets previously used did not meet performance expectations.

Implementation

The installation was carefully planned to ensure efficiency and minimal disruption. First, engineers assessed the site and selected a location above the natural flood plain to protect the system from potential water damage.

Next, the team designed a dual pump system to handle river water, fed from a tank, efficiently while incorporating a filtration system to maintain water quality. The Davey 2MLV system was then installed, tested, and calibrated to meet performance requirements, ensuring a smooth transition to the new setup. Finally, ongoing monitoring confirmed that the system adapted well to changing conditions, successfully withstanding heavy rainfall over the past six months, resulting in:

- Enhanced Water Supply – Ensured reliable irrigation without pressure or access issues.
- Long-Term Durability – The system has remained operational despite extreme weather conditions.
- Customer Satisfaction – Ipswich City Council has been pleased with the outcome, highlighting the system's resilience.



Results

"Since installation over six months ago, the Davey pump system has performed exceptionally well, holding up against unseasonable rain in Queensland. We trust Davey products due to our 18-year relationship, and once again, they have delivered a reliable solution." Peter Morath from Total Water Services says.

By implementing the Davey 2MLV Dual Pump Set, Total Water Services successfully delivered an irrigation system that meets the needs of Colleges Crossing Parklands. The system's reliability, flood resistance, and efficiency reinforce Davey's reputation as a trusted partner in water solutions.