

CASE STUDY PRODUCT:
DAVEY VM PUMPS

DAVEY DEALER:
Mandurah Pumpshop
7 Hampton Street
Mandurah WA 6210

Corrosion-Resistant Pump Solution for Golf Course

A popular golf course faced a recurring challenge that was draining both time and resources. Their irrigation system, vital for maintaining the course's pristine conditions, was caught in a cycle of constant maintenance due to the corrosive nature of their water source. With high iron content and hardness issues in their lake water, the existing cast iron pumps required annual overhauls and descaling – a situation that was far from ideal for the busy golf course.

The Challenge

The golf course's irrigation system was drawing water from a lake rich in minerals and iron content, creating a perfect storm for pump deterioration:

- Existing cast iron pump housings were suffering from severe corrosion
- Annual pump overhauls and descaling were required
- Water source (lake) had significant iron and hardness issues
- Previously installed pumps weren't withstanding the harsh water conditions
- Maintenance costs and downtime were impacting operations

Our Solution

Davey Master Dealer, Mandurah Pumpshop, located just a 30-minute drive from the golf course, recognised that a fundamental change in approach was needed. Rather than continuing with the cycle of repairs and replacements, they recommended transitioning to Davey Vertical Multistage (VM) pumps, due to their:

- Stainless steel construction throughout
- Superior corrosion resistance
- Design optimised for challenging water conditions
- Robust construction for long-term reliability



Results

The transformation has been remarkable. For three years since installation, the Davey VM pumps have operated continuously without requiring a single replacement or overhaul. This success story isn't just about avoiding breakdowns – it's about delivering peace of mind and reliability to the golf course's operations.

"The difference has been night and day," shares James Sayer from Mandurah Pumpshop. "Where we once had to schedule yearly maintenance visits for pump overhauls, we're now seeing three years of uninterrupted operation. The Davey VM pumps' stainless steel construction has proven to be the perfect match for the challenging water conditions at the popular golf location."

The decision to choose Davey wasn't just about replacing old pumps with new ones – it was about finding a long-term solution to a persistent problem. The VM pumps' stainless steel construction offers superior resistance to the corrosive elements present in the lake water, while their robust design ensures reliable performance year after year. This combination has effectively broken the cycle of constant maintenance, allowing the golf course to focus on what matters most: maintaining their grounds to the highest standards.

