



Healthy water, WATER QUALITY

Main Use

Irrigation water of good quality to protect the irrigation system and associated equipment along with maximising the yield of the orchard.

Product

Flow paced chlorination
Media filtration

Customer

Gold Star Golden Kiwifruit Orchard

Location

Paengaroa, Bay of Plenty, New Zealand

Containerised water treatment system to irrigate the Gold Star Orchard

The owners of Gold Star Golden Kiwifruit Orchard are constantly developing their property and business, to get the most out of it.

When testing on their new bore showed high amounts of iron and manganese, they realised they needed to do something to about the water quality or risk scaling, blockages, poor performing equipment and overall a less productive orchard. For the owners, water is so important for the health and protection of golden kiwifruit.



At ACQUA by Davey, we understand no two jobs are the same. That's why we have a team of sales engineers and a specialised production department to tailor the system for your needs.



THE ACQUA by Davey SOLUTION

Acqua by Davey were brought in by Steve Miller Rural Services (SMRS), being the irrigation specialist in the area. Together they proposed a solution for Gold star to meet their water quality and volume requirements.

This involved designing a unique system that could keep up with the very high flow rate and still produce water at a quality standard.

Both an Acqua by Davey and Tag-it engineer travelled down to site to assist in the commissioning process with the team at Steve Miller Rural Services to get the system up and running and to make sure everything was working correctly.

BENEFITS

- Reduce the metals and any sediment in the water.
- The system was designed to reduce the metals and any sediment in the water, this was done with chemical dosing and filtration.
- To configure controls of the system Acqua by Davey used Tag-it technologies which gave the additional benefit of Halo monitoring, allowing owner the ability to monitor the system and treated water storage, giving him peace of mind and notifying him if any issue did arise.

RESULTS

- Higher flow rates
- Produce water at a quality standard
- Ability to monitor the system and treated water storage



"The final touches of commission being completed on site."

ABOUT ACQUA BY DAVEY

Our solutions and team of experts can treat water for medical and healthcare services, food and beverage, community drinking and wastewater, farming operations and large commercial operations such as hotels and universities.

We know that each water solution need is different and depending on your circumstances and application, will require expert advice. This is where we come in, offering the best treatment solution to suit your needs and provide you with the systems to monitor results and help you adjust when and where you need to.