



TECHNICAL SERVICES

Netafim's System Review Service

While a maintenance program will extend the life of an irrigation system, pumps, valves, emitters, controllers, and pipes wear and deteriorate over time. Continual analysis, new components, and regular checks are required to ensure commercial viability is maintained.

Netafim Australia offers a System Review Service through its Technical Services Division, in conjunction with its dealers. This service was introduced by demand from clients to review and upgrade existing irrigation systems. It is a cost efficient and effective method of comprehensively reviewing a system, which has been pioneered by Netafim through extensive research and trials of the service.



Ken Schultz, Vineyard Manager - Wrattobully for Beringer Blass, has had one review conducted by Netafim on their Guthries Vineyard and is in the process of their second.

"The main reason we are doing this review is to find out how our irrigation system is standing up to 9 years of operation and how efficiently water is being used".

"When we had our Guthries Vineyard reviewed, it identified quite a few hidden problems that have now been resolved, such as bits of broken pipe jammed in valves. It is also a good check on pump efficiency pressures. When we are only applying small amounts of water onto the vineyard, we need to know it's going to the right places, as we run a very fine line between leaf fall and successful irrigation."

Basically it's a check up of the system so we know what's going to happen before it does."

Ken Schultz - Vineyard Manager Fosters Wine Estates - Wrattobully

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Netafim's System Review/Upgrade Service

Service Benefits:

The benefits of this service to Investment Groups, Companies, Managers, and Growers include:

- Assesses an irrigation system as a whole, which enables the identification of issues that may otherwise remain undetected.
- Determines which areas of a property are requiring systematic upgrading and enables benchmarking for annual testing
- Provides information on the current state of the irrigation system and on farm maintenance programs.
- Ensures the irrigation system is operating as it should be, in order to achieve the best commercial productivity
- The development of options for more cost efficient and environmentally irrigation management practices
- The advantage of an independent review of the system

System Review Process

A System Review involves the following process:

Research

A site visit by a technical services representative to gather information and develop a current plan of the irrigation system.

Proposal Development

Based on this information, a proposal and quote is issued.

Hydraulic Calculations

A Netafim Certified Irrigation Designer reviews the hydraulics of the system and highlights any problem points for field testing.

Field Testing

The components within the irrigation system are tested, by comparing actual performance against a theoretical hydraulic model identified in the design stage.

Report Preparation

The findings are used to develop a comprehensive written report for client, with recommendations for system upgrades and efficiency improvements.