



**Morven Glenavy Ikawai  
Irrigation Company Limited  
(Including Waihao Downs Irrigation)**

## **Getting Started with MGI**



# **Rules and Requirements For New Irrigation**

For further information see [www.mgiirrigation.co.nz](http://www.mgiirrigation.co.nz)

## Scheme rules and requirements for new irrigation

This document covers new irrigation proposals for all Morven Glenavy Ikawai Irrigation Company Limited (MGI) shareholders. The Waihao Downs Irrigation Company (WDI) is a 100% owned subsidiary of the MGI and farmers in the Waihao Downs area are also shareholders of MGI and so this document also applies.

Share ownership in MGI comes with responsibilities to ensure that the schemes meet their consent conditions at all times and operate efficiently.

Specifically, what this means for you is:

### 1. Irrigation System Design and Installation

MGI and WDI resource consents require that all new irrigation systems are designed in accordance with the Irrigation New Zealand **Code of Practice for the Design of Piped Irrigation Systems in New Zealand** (current version: 2012) and **Design Standards for Piped Irrigation Systems in New Zealand** (current version: 2012). This is to ensure that new irrigation is efficient and effective, and adverse environmental impacts are minimised.

**BEFORE construction work begins YOU must have received MGI design approval.**

Check that your designer is aware of the requirement to submit design information to MGI for approval. MGI will have Aqualinc perform an independent check to ensure that the system meets all scheme requirements, including allocation limits and consent conditions, particularly for efficient water use.

**Further information on the design requirements is at [www.mgiirrigation.co.nz/new-irrigation/](http://www.mgiirrigation.co.nz/new-irrigation/)**

Your Farm Environment Plan (FEP) must be approved prior to the designer submitting your system design for MGI approval, so that any environmental risks associated with the proposed irrigation system can be assessed. You will not receive a 'design approval certificate' until you have a completed FEP. Contact Judith Neilson at MGI **before design work begins** to get this started.

### 2. Water Measurement

- An ECAN compliant pulse output magFlow meter must be installed at the point of take from the scheme's distribution to measure the rate and volume of water delivered to the property.
- Telemetry, which sends data automatically from the flow meter to MGI, will be installed by Kirk Irrigation Ltd. MGI covers the cost of the telemetry equipment and it remains the property of MGI. The data is available to the irrigator.

### 3. Other Consents

It is the shareholder's responsibility to obtain any consents and meet all Environment Canterbury and Waimate District Council rules for the proposed works, including earthworks and works in stream and riverbeds.

### 4. Commissioning Report

A commissioning report is a necessary part of the system installation and provides important information for the management and maintenance of the system. Commissioning tests show whether the system performs in accordance with the design specifications. The tests are part of the

installation process, and should be included in the construction cost. As-built plans and specifications must be provided, so the system can be readily maintained.

The commissioning report must be submitted to MGI for checking by Aqualinc Research Ltd.

## 5. Farm Environment Plan (FEP)

- All shareholders are required to have a Farm Environment Plan (FEP) for their property.
- A farm plan must be prepared and approved prior to the designer submitting your system design for MGI approval.
- Where a shareholder owns and/or operates more than one property, a separate Farm Plan is required for each property.
- MGI provides a standard Farm Plan template and will assist shareholders to develop their own farm plan from the template.
- New farm plans must be submitted to MGI for approval and signoff. This provides an opportunity for feedback and also ensures that the plans meet the required standards.
- MGI will approve the Farm Plan once they are satisfied that adequate practices are in place to ensure that the environmental management objectives will be achieved.
- Once approved by MGI, the plan must be signed by the shareholder and by the Farm Manager, if that is a different person.
- The shareholder is responsible for ensuring new managers and other staff are aware of the Farm Plan and the farming practices and records required. MGI can go through the Farm Plan requirements with new staff, on request.
- If there is a change in owner or manager, a significant land use change, a change in irrigation type or a new area of irrigation the Farm Environment Plan must be reviewed.

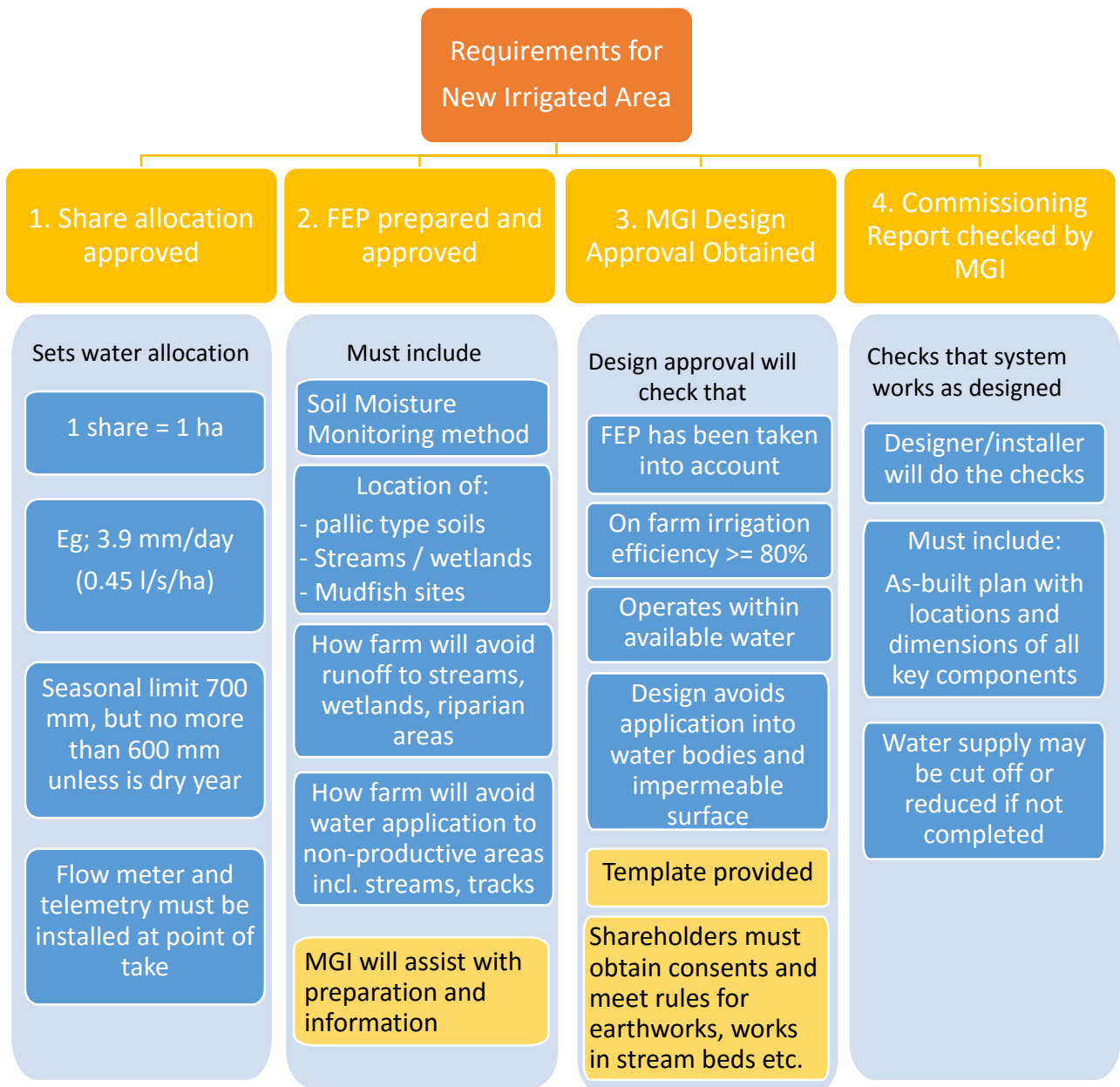
To get the FEP underway you, or your Farm Manager, should contact our Environmental Manager as soon as possible: Judith Neilson **phone 0275223354** or [judith@mgiirrigation.co.nz](mailto:judith@mgiirrigation.co.nz)

## 6. Farm Plan Audits

- As a new irrigator your Farm Plan will be audited annually for three years. Once you have achieved full compliance for three audits, your audit frequency will reduce to at least one audit every three years.
- MGI contracts an independent auditor to undertake the audits.
- Audits are undertaken either in late November / early December or in February/March. You will be contacted prior to the audit and the process will be explained to you.
- Both the shareholder/s and any farm manager appointed by the shareholder are responsible for ensuring that the property has a Farm Plan that is implemented.
- If there are changes in owner or manager, a significant land use change, a change in irrigation type or a new area of irrigation there will be an audit in the next audit round.

## 7. Other

Shareholders must advise MGI if there is a change in owner or farm manager or any change in contact details for owner or manager.



## Contacts

<b>Shareholding &amp; Applications</b>	Craig Evans General Manager	027 556 5610	craig@mgiirrigation.co.nz
<b>Farm Environment Plans &amp; Audits</b>	Judith Neilson Environmental Manager	0275 2233 54	Judith@mgiirrigation.co.nz
<b>Irrigation Design &amp; Technical Queries</b>	Peter Brown Aqualinc	03 964 6515 027 5676 023	p.brown@aqualinc.co.nz