



CHECKLIST OF RECORDS

Please keep these records and make them available to the auditor. Note that these records may vary for spray and border-dyke.

- Optional records
- ✓ **Essential records - that the auditor will need to see**

A. Irrigation Management

- Irrigation maintenance records
- Records of mechanical failure/repair
- ✓ **Spray application rate testing records**
- Spray irrigation system evaluation report / DIY evaluation report
- ✓ **Irrigation records**
- ✓ **Soil moisture monitoring records**
- ✓ **Rainfall records**
- Staff training records
- Records of irrigation incidents and actions taken

- Soil temperature monitoring records
- Irrigation run-off records
- Crop records
- Soil type and infiltration rate mapping
- Staff training programme
- Upgrade plan with actions taken

- New irrigation systems**
- ✓ **System design approval**
- ✓ **System commissioning report**

B. Soils Management

- Records of management induced erosion events.
- Soil health testing results or photos
- ✓ **Fertiliser company name or Fertmark certificate**

C. Nutrient Management

- ✓ **Nutrient budget**
- ✓ **Soil test results, recommended fertiliser programme &/or Nutrient Management Plan**
- ✓ **Fertiliser application records**
- Records of variations in management practices compared to Plan
- ✓ **Spreading company name or Spreadmark certificate**

- GPS application records

D. Collected Animal Effluent Management

- ✓ **Regional Council compliance monitoring report** (report copies are available from Evan Swale of ECAN)
- ✓ **Effluent Management Plan**
 - **Effluent map**
 - **Effluent diary**
 - **Effluent consent**
- Records of variations in management practices compared to Plan

- GPS application records

E. Waterway & Riparian Management

- Records of variations in management practices compared to Plan

- Planting plan and map

F. Biodiversity and Ecosystem Management

- Keep records of any specific sites and their management
- Records of variations in management practices compared to Plan

- Planting plan and map

MORVEN GLENVY IKAWAI IRRIGATION COMPANY LIMITED

Audit of Environmental Farm Plans for Irrigated Land Use

All MGI Farm Plans are audited regularly to check farm operations and performance against the objectives and targets in each farmers plan.

Records

To prepare for the audit, please review your Farm Plan and collect together all the relevant records that demonstrate how you are meeting your Farm Plan requirements. At the audit visit the auditor will want to discuss your records with you. Please have the relevant records available, as shown on the enclosed Checklist.

External audit

Auditing provides credibility for the Farm plan process. It is an independent check that the appropriate systems and practices are in place to manage the environmental risks associated with irrigated land use. The audit focuses on whether the objectives and targets for each management area are being met and whether the management practices and record keeping as listed in the plan are being carried out.

During the audit, the auditor will:

- Work through each of the objectives in your Farm Plan, assessing whether you have met the targets. If you have not, the auditor will be looking for evidence that you have taken action to minimise the risk of the problems, that led to you not achieving the target/s, occurring again.
- Make an assessment as to whether he/she feels that the best management practices, as listed in your Farm Plan, are appropriate to achieve the objectives.

The audit is conducted on-farm and is based on **sighting objective evidence** in support of how the MGI scheme objectives and targets are being met, and whether the listed management practices and record keeping are being followed. Objective evidence is taken as:

- information supplied as records, data, reports and photographs
- actual practice observed during the audit
- stated practice, if the stated practice can be reasonably supported by other evidence

Failing to meet objectives does not necessarily mean that your farm plan has failed. It would be an opportunity to learn any lessons from the results and identify improvements needed for the future.

After the audit you will be sent a report which details where you have met requirements and where improvements are needed. A summary of the audit results from all the farms will be passed onto the Irrigation Scheme management. They will use the information collected through the audit process to review the appropriateness of the Farm Plan goals, objectives and targets and to report to Environment Canterbury, as required through the scheme's resource consents.

MGI Farm Plan Objectives and Targets – You cannot alter the objectives that are set as part of the MGI Farm Plan. However, you can provide feedback to Scheme management on the objectives and targets. This will feed into the annual Scheme review and may result in changes being made to future objectives and targets.