

MRB Sustainability



Preparing Farm Environment Plans, reporting nutrient losses using OverseerFM and developing solutions to comply with regulation.



Integrating feasible farm system modelling and benchmarking with OverseerFM to ensure farms remain productive and sustainable.



Optimising profitability and growth using our experience, knowledge, vision and networks to tailor systems advice that also meets personal goals and objectives.

To actively support the evolution
of environmentally and financially sustainable business

Plans and Limits

The National Policy Statement for Freshwater Management (Freshwater NPS 2020) recently released in draft sets out governments intention for a national wide minimum standard to water quality and quantity.

Catchment plans have been set collaboratively by community to preserve water quality for generations. Maintaining or improving water quality will be achieved by managing physical and financial resources sustainably, which requires limits.

Land and Water Regional Plan (LWRP)

For Canterbury, this is the region wide, overarching or default plan covering all land which is not subject to a “Plan Change” (PC). If you farm in an area without a Plan Change, you will be classified broadly as:

- **Green** (Nitrogen not fully allocated)
- **Orange** (Nitrogen almost or fully allocated)
- **Red** (Nitrogen over allocated)
- **Light Blue** (Low Risk)
- **Purple** (Phosphorus Risk Zone)
- **Dark Blue** (Hurunui Waiau River Regional Plan)

Zone Implementation Plans and Plan Changes

A “Plan Change” (PC) is tailored management packages designed to meet catchment specific objectives. Plan Changes currently in place include:

- **PC 1 – Selwyn/Waihora** (Rakaia River to Waimakariri River)
- **PC 2 – Hinds/Hekeao** (Rangitata River to Ashburton River)
- **PC 3 – South Coastal Canterbury** (Waimate Area, Pareora to Otaio and River Catchments)
- **PC 4 – Omnibus** (All Catchments)
- **PC 5 – Waitaki** (Mackenzie Basin to the main divide, Hakataramea Valley catchment and Lower Waitaki River catchment)
- **PC 6 – Wairewa/Lake Forsyth** (Lake Forsyth catchment)
- **PC 7(Draft) – Waimakariri & Orari-Temuka-Opihi-Pareora** (Waimakariri River to top of Ashley River catchment); (bottom of Pareora River catchment to top of Orari River catchment)

Know your footprint

Our specialist Environmental Consultants will work with you to both accurately report nutrient losses and support you in developing profitable, sustainable strategies to farm within limits.

Baselines

A property Baseline nutrient footprint is a critical attribute your land and business and as such should be reported accurately.

A Baseline, in conjunction with a Plan Change, defines your future nutrient loss limit and can influence farm systems and profitability if not handled correctly.

Year End

Year End nutrient budgets report an estimate of actual nutrient losses for a given season.

Accuracy and consistency are of critical importance when preparing nutrient budgets. Manipulation of information to generate a desired result is a short sighted approach which only delays the inevitable system change required to meet limits. MRB integrates nutrient management with feasible farm system modelling and cash budgeting to develop sustainable solutions with farmers.



Solution based support

At MRB we believe that maintaining a physically and financially sustainable business while maintaining or improving water quality (by meeting nutrient loss limits), requires proactive management of resources and integrated thinking.

Our specialist environmental consultants are well versed in Regional and Nationals planning regulations and will be able to assist you to achieving environmental sustainability while remaining profitable without compromising goals by:

- Establishing an accurate baseline nutrient loss for your property.
- Outlining current nutrient loss reduction targets (if required) and the relevant timeframes specific to your property.
- Preparing and maintain Farm Environment Plans, including monitoring on farm progress to ensure actions are completed in a timely manner.
- Preparing frameworks for seamless data collation to ensure transparent and timely preparation of Nutrient Budgets and Farm Environment Plans.
- Developing a profitable strategy to meet nutrient loss targets or input caps in conjunction with our Farm Management Consultants by utilising benchmarking, Farmax modelling and cashflow forecasting with Cash Manager or Xero.

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