

EMSNM-003 – Land Joining or Leaving MHV Water

Contents

1	Introduction	2
2	Purpose	2
3	Property or Land Joining MHV Water	3
3.1	New Land Requirements.....	3
3.1.1	Individual Land Use Consent.....	3
3.1.2	Overseer Nutrient Budgets	3
3.1.3	Nutrient Budget Robustness Checks.....	4
3.1.4	Significant Change.....	4
3.1.5	National Environmental Standards for Freshwater 2020	4
3.1.6	Mapping Checks	4
3.1.7	FAVA Check	4
3.1.8	Farm Environment Plan	4
3.1.9	FEP Audit Status	5
3.1.10	Matrix Assessment.....	5
3.1.11	Authorised Land Use	5
3.2	Environmental Management Plan Review.....	5
3.3	Nutrient Accounting.....	5
3.4	Notification	5
4	Property or Land Leaving MHV Water	5
4.1	Nutrient Accounting.....	5
4.2	Schedule and Mapping Updates	5
4.3	Notification	6
5	Relevant Documents.....	6
6	Document Management Control.....	6

1 Introduction

Land joining or leaving the MHV Water Audited Self-Management Programme changes the nutrient load calculations for scheme nutrient accounting and can potentially disadvantage the scheme if certain criteria isn't met.

2 Purpose

The purpose of this policy is to ensure any new land joining MHV Water's audited self-management programme does not disadvantage the scheme and all relevant information required by the scheme to manage the land equitably with other shareholders is collected prior to entry to the programme.

Furthermore, this policy is intended to ensure compliance with resource consent CRC185857, which includes the following resource consent conditions:

Condition 8

Properties (or land) may be added or removed from Schedule CRC185857A, provided:

- (a) the Consent Holder provides the updated schedule by 1 December in any year that a change occurs to Schedule CRC185857A, to the Regional Leader - Monitoring and Compliance, Canterbury Regional Council and Te Rūnanga o Arowhenua, including:
 - (i) the revision number of the schedule; and*
 - (ii) an updated consent wide map showing all Properties managed under this consent and the relevant Nutrient Allocation Zone boundary; and*
 - (iii) an electronic copy of the plan in Condition 8(a)(ii) above, in a commonly used Geographic Information System (GIS) format.**

AND

- (b) in the case of any Property (or land) joining the Scheme and described in Condition 4(a) and (b) and listed in Schedule CRC185857A, the Consent Holder shall, unless Condition 10(a) applies, apply to the Matrix Method to the Property's (or land's) nitrogen baseline and make the assessment available to the Canterbury Regional Council on request.*

Condition 12

The EMS required by condition 11(b) shall:

...

- (h) provide detail on how the management of Properties joining or leaving the scheme is to occur (including the methodology for allocating nutrients).*

Condition 13

The EMS shall provide for or require:

...

- (f) within 20 working days of the exit of any Property from Schedule CRC185857A (and the management of nutrient losses by the consent holder), the consent holder is to advise the Canterbury Regional Council of the authorised land use that is to apply to the departing Property.*

Condition 17

In the event that a Property is excluded from the ASM programme then the Consent Holder shall notify Te Rūnanga o Arowhenua and the Regional Leader - Monitoring and Compliance, Canterbury Regional Council within 20 working days of the exclusion.

Condition 19

Farm Environment Plans as required by Condition 18(a) shall be audited within the frequency determined by either:

...(b) in the case of Properties added to Schedule CRC185857A, within one year of the Property being added to that Schedule; or...

Condition 21

(a) Discharges from the Property are assessed and managed in discussion with the impacted shareholder(s) and the Community Drinking Water Supplier in accordance with Schedule CRC185857E, and in a manner that is consistent with the Resource Management (National Environmental Standard for Sources of Human Drinking Water) Regulations 2007, with the assessment completed:

...

(iii) within three months of a Property within a Community Drinking Water Protection Zone being added to Schedule CRC185857A (including a new Community Drinking Water Protection Zone being added to Schedule 1 of the Canterbury Land and Water Regional Plan that includes Properties) that have not been previously assessed in accordance with Schedule CRC185857E).

Condition 27

The Consent Holder shall undertake a review of the groundwater and surface water monitoring required under Condition 24:

...(c) on making any change to Schedule CRC185857A that results in increasing the area managed by the scheme on a Property or adjoining Properties by more than 200 hectares over that occurring at the Commencement Date, provided that in the case of a review under this Condition 27(c), the review shall be limited to the effects of the change and the need to consider further groundwater and/or surface water monitoring sites.

3 Property or Land Joining MHV Water

3.1 New Land Requirements

3.1.1 Individual Land Use Consent

Any land or property joining the MHV Water ASM programme must first ensure it is no longer subject to any farming land use or farming enterprise resource consent.

3.1.2 Overseer Nutrient Budgets

The following Overseer nutrient budgets are required from all properties who apply to enter the MHV Water ASM programme:

- 2009-13 Nitrogen Baseline nutrient budget(s)¹
- 2014-2020 Reference period nutrient(s)²
- Most recent year end nutrient budget

Further details are available in the [MHV Water Authorised Land Use Policy v004](#).

3.1.3 Nutrient Budget Robustness Checks

Any Overseer nutrient budget provided as part of an application to join MHV Water's ASM programme must be robust, as defined in the procedures detailed in [EMSNM – 002](#).

3.1.4 Significant Change

Any property or land joining MHV Water's ASM programme will be subject to the Significant Change requirements of resource consent CRC185857. Sufficient information is required to be provided to accurately identify the farm system, irrigation type and area and intensive winter grazing area which was present at the commencement date of CRC185857.

3.1.5 National Environmental Standards for Freshwater 2020

Any property or land joining MHV Water's ASM programme must comply with the requirements of the National Environmental Standards for Freshwater 2020. To ensure continue compliance with these requirements, sufficient information must be provided to identify the following:

- Area of Dairy Farm land³ as at September 2020
- Area of Irrigated Dairy Farm land as at September 2020
- Area of Plantation Forestry⁴ as at September 2020
- Maximum area of intensive winter grazing⁵ which occurred between reference period
- Maximum area of Dairy Support Land⁶ which occurred between the reference period

3.1.6 Mapping Checks

Any farm system, winter grazing or irrigation system maps provided as part of an application to join the MHV Water ASM programme need to be consistent with the nutrient budgets provided and aerial photos (if available).

3.1.7 FAVA Check

Where application to join the scheme results in new irrigation for the property, the property must first apply for approval through the Farm Activity Variation Application Process detailed in [EMSNM-002](#).

3.1.8 Farm Environment Plan

A Farm Environment Plan shall be prepared in accordance with [EMSFEP – 001](#) prior to the delivery of any MHV Water water.

¹ Note: where a dairy effluent discharge consent and building consent were issued for a property between 2009-13, the property may provide an *operational* nitrogen baseline nutrient budget. Where there was no change in land use or irrigation during the baseline period, a single, representative nutrient budget may be used.

² Where there is no change in land use or irrigation during the reference period, a single representative nutrient budget may be provided.

³ As defined by the National Environmental Standards for Freshwater 2020

⁴ As defined by the National Environmental Standards for Freshwater 2020

⁵ As defined by the National Environmental Standards for Freshwater 2020

⁶ As defined by the National Environmental Standards for Freshwater 2020

3.1.9 FEP Audit Status

A property or land joining MHV Water needs to enter the scheme as a minimum of an “A” audit grade. Upon approval to join MHV Water, the property will be audited within 12 months in accordance with [EMSFEP-002](#), Audit Process.

3.1.10 Matrix Assessment

A Matrix assessment needs to be completed to ensure the following criteria are met before a property or land can be accepted into the MHV Water scheme:

- Current nitrogen losses are less than Nitrogen Discharge Allowance
- Current farm system is able to achieve 2025 and 2030 reduction targets

3.1.11 Authorised Land Use

An Authorised Land Use will be prepared for a property in accordance with the MHV Water Authorised Land Use policy upon acceptance into the MHV Water ASM programme.

3.2 Environmental Management Plan Review

Where more than 200 ha of new land is added to Schedule 185857A above what was registered at the commencement date of resource consent CRC185857, a review of the Environmental Management Plan shall be initiated to ensure the intent of the groundwater and surface water monitoring continue to adequately capture the potential adverse effects from MHV Water.

Further details on reviews are included in the approved Environmental Monitoring Plan.

3.3 Nutrient Accounting

Any new land or property joining MHV Water will map the farm system, irrigation type and intensive winter grazing area to ensure inclusion in Schedule CRC185857A in accordance with [EMSNM – 001](#), The Matrix.

3.4 Notification

Any updates to the nutrient accounting schedule CRC185857A are to be provided to Environment Canterbury by 1st December each year as part of the annual compliance report, including an updated GIS shape file.

4 Property or Land Leaving MHV Water

Properties or land may leave the MHV Water ASM programme due to new sale or lease arrangements, selling or forfeiture of MHV shares.

4.1 Nutrient Accounting

When a property or land leaves the MHV Water ASM programme, the farm system, FEP Boundary and irrigation system NDA and Current QGIS layers are updated, with the updated maps used to update the Nitrogen Discharge Allowance and Nitrogen Loss Rates according to the procedures described in [EMSNM – 001](#), The Matrix.

4.2 Schedule and Mapping Updates

Updates to Schedule CRC185857A of resource consent CRC185857 and associated GIS maps are to be included and provided to Environment Canterbury by 1st December each year as part of the annual compliance report.

4.3 Notification

When any property or land leaves the MHV Water programme, the 2009-13 nitrogen baseline farm system and irrigation maps will be provided to Environment Canterbury within 20 working days.

Where a property or land is excluded from the ASM programme, Te Rūnanga o Arowhenua will also be notified within 20 working days.

5 Relevant Documents

Document
Resource Consent CRC185857
MHV Water Environmental Management Strategy
Industry-agreed Good Management Practices relating to water quality
EMSNM – 002 FAVA Process
EMSNM – 001 Matrix
Authorised Land Use Policy
EMSFEF – 001 FEP Process
EMSFEF – 002 FEP Audit Process

6 Document Management Control

Version	Date Reviewed	Purpose / Amendments	Section Reviewed	Reviewer	Status
1.0	May 2022	Development of EMSNM - 003	All	Eva Harris	FINAL DRAFT
1.0	May 2022		All	Mel Brooks	Approved