



## Annual Audit Compliance Report Form

*Environmental Protection Act 1986, Part V Division 3*

Once completed, please submit this form either via email to [info@dwer.wa.gov.au](mailto:info@dwer.wa.gov.au), or to the below postal address:

Department of Water and Environmental Regulation  
Locked Bag 10  
Joondalup DC WA 6919

Section A – Licence details			
Licence number:	L9116/2018/1	Licence file number:	DER2017/002077-1
Licence holder name:	The Margaret River Dairy Company Pty Ltd		
Trading as:	As above		
ACN:	054 628 723		
Registered business address:	8063 Bussell Highway METRICUP WA 6280		
Reporting period:	01 / 01 / 2022 to 30/ 12 / 2022		

Section B – Statement of compliance with licence conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none"><li>• section C;</li><li>• section D (if required); and</li><li>• sign the declaration in Section F.</li></ul>
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none"><li>• section C;</li><li>• section D (if required);</li><li>• section E; and</li><li>• sign the declaration in Section F.</li></ul>

Section C – Statement of actual production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed premises category	Actual production quantity
Category 17	392,436 kg

Section D – Statement of actual Part 2 waste discharge quantity	
Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed premises category	Actual Part 2 waste discharge quantity
Category 17	Treated wastewater irrigated 4,426 kL Treated wastewater discharged offsite 3,250 kL

**Section E – Details of non-compliance with licence condition**

Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.

Condition no:	10	Date(s) of non-compliance:	17/01/23
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Details of non-compliance:

Treated wastewater emissions to land of Total Nitrogen (inorganic N) exceeded annual limit of 140kg/ha/yr. The annual results of the averaging period were 180.65kg/ha/yr and are above the annual emission limit

What was the actual (or suspected) environmental impact of the non-compliance?

**NOTE** – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.

The environmental impact is considered negligible as water was emitted to land only in the months permitted in the license. (Nov – March).

No run off of irrigation occurred during irrigation and very low rainfall (2.6mm) was recorded during February, which recorded the highest test results for nitrogen.

Month	TN load (kg/ha/yr)	TN (mg/L)	Rainfall (mm)
Jan-22	38.14	32	0.2
Feb-22	55.23	48	2.6
Mar-22	38.84	32	16.6
Apr-22	0.00	48	35.0
May-22	0.00	42	107.0
Jun-22	0.00	46.3	164.0
Jul-22	0.00	41.3	350.3
Aug-22	0.00	38.4	158.1
Sep-22	0.00	10	73.7
Oct-22	0.00	39.2	59.1
Nov-22	30.38	22.4	13.6
Dec-22	18.07	15.7	0.0
<b>Total</b>	<b>180.65</b>		

Note: April – October no emissions to irrigation area (L1) as wastewater was carted off site.

Cause (or suspected cause) of non-compliance:

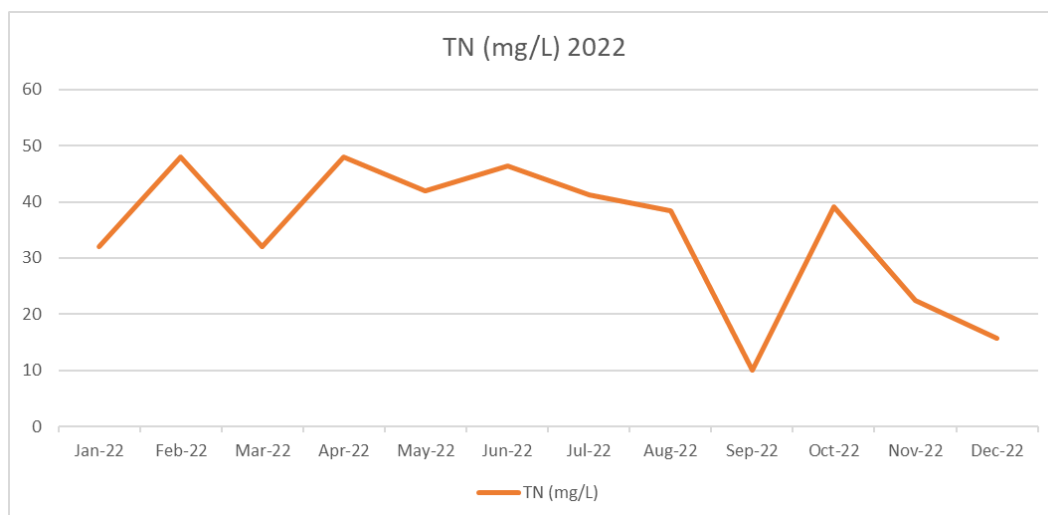
The high Nitrogen level is possibly due to the very high Dissolved Oxygen (DO) level within the Bio Tank, which is not allowing denitrification to occur. High DO within the Bio Tank doesn't allow the nitrate reducing bacteria (NRB) to convert nitrates into nitrogen-containing gas.

**Section E – Details of non-compliance with licence condition**

Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:

Investigation of the cause of the high nitrogen levels was conducted after high test results in February. A course of action was planned, in conjunction with GRT WaterCare Int. Pty Ltd, to see whether a change in aeration of the Bio tank can lower the Nitrogen levels. Through trial, it was established that alteration of the aeration program could reduce nitrogen levels. Results from September to December show improvement in nitrogen levels through the implementation of the change of the aeration timing in the bio tank. Monitoring of the aeration timing, Dissolved Oxygen levels and nitrogen results is ongoing, as part of the management of the bio tank.

Date	TN (mg/L)
Jan-22	32
Feb-22	48
Mar-22	32
Apr-22	48
May-22	42
Jun-22	46.3
Jul-22	41.3
Aug-22	38.4
Sep-22	10
Oct-22	39.2
Nov-22	22.4
Dec-22	15.7



Was this non-compliance previously reported to DWER?

Yes, and

Reported to DWER verbally

Date: / /



**Section E – Details of non-compliance with licence condition**

<input type="checkbox"/> Reported to DWER in writing	Date: / /
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**Section F – Declaration**

I / We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular<sup>1</sup>.

I / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation’s (DWER) website.

Signature <sup>2</sup> :		Signature:	
Name: (printed)		Name: (printed)	
Position:	WA Dairy Operations Manager	Position:	
Date:	24/01/23	Date:	
Seal (if signing under seal):			

<sup>1</sup> It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

<sup>2</sup> AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.

**Total Production Quantity Summary 2022**

PRODUCT	KG
CHEDDAR	52,185.00
FARMHOUSE CHEESE	331.00
SOFT CHEESE	84,779.00
YOGHURT	255,141.00
<b>TOTAL</b>	<b>392,436.00</b>

**Total Volume of Milk**

PRODUCT	Volume
MILK INTAKE LITRES	974,687 L
MILK INTAKE KILOS	1,003,927.61 kg
MILK INTAKE TONNES	1003.928 T

**Total Volume of Waste discharge Quantity**

	Treated wastewater irrigated (kL)	treated wastewater discharged offsite (kL)	Total Wastewater discharged (kL)
Jan-22	870	0	870
Feb-22	840	0	840
Mar-22	886	0	886
Apr-22	0	190	190
May-22	0	680	680
Jun-22	0	280	280
Jul-22	0	420	420
Aug-22	0	500	500
Sep-22	0	500	500
Oct-22	0	680	680
Nov-22	990	0	990
Dec-22	840	0	840
<b>TOTAL</b>	<b>4,426</b>	<b>3,250</b>	<b>7,676</b>