

Permit Number: WP3231NB

Operator: Dairy Partners (Cymru Wales) Limited

Facility: The Creamery, Aberarad.

Form Number: Water 1 / 29/01/2019

Reporting of emissions to water (other than to sewer) and land for the period from 1st January 2021 to 31st December 2021

Emission Point	Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value						
W1	Maximum daily volume	1,050 m ³ per day		Daily				
W1	Biological Oxygen Demand	30 mg/l		Flow proportional daily composite				
W1	Total suspended solids	50 mg/l		Flow proportional daily composite				
W1	Ammonia as N	22 mg/l		Spot sample				
W1	Temperature	21°C		Instantaneous				
W1	Nitrite (as N)	3 mg/l		Spot sample				
W1	Mercury	0.5 µg/l 50 g/year		Compliance based on mass balance calculation	1.0g/year			
W1	Cadmium	0.01 mg/l 50 g/year		Compliance based on mass balance calculation	0.17g/year			

- [1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
- [2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
- [3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
- [4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

SignedAndrew Jones.....
(Authorised to sign as representative of Operator)

Date.....20/01/2022.....

Permit Number: WP3231NB

Operator: Dairy Partners (Cymru Wales) Limited

Facility: The Creamery, Aberarad.

Form Number: Water Usage1 / 29/01/2019

Reporting of Water Usage for the year:

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /unit output)
Mains	53,299	
Borehole	58,869	
Polished	102,699	
TOTAL WATER USAGE	214,867	

Operator's comments :

SignedAndrew Jones.....
(authorised to sign as representative of Operator)

Date...20/01/2022.....

Permit Number: WP3231NB

Operator: Dairy Partners (Cymru Wales) Limited

Facility: The Creamery, Aberarad.

Form Number: Energy usage 1 / 29/01/2019

Reporting of Energy Usage for the year:

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh	7743.397	
Liquified Natural Gas	MWh	870.188	
Light Fuel Oil / Gas Oil	tonnes	426,859	
TOTAL	-		

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments :

Electricity - **7,743,397 (kWh)**

LNG - **870,188 (Kg)**

SignedAndrew Jones.....
(Authorised to sign as representative of Operator)

Date.....20/01/2022.....

Permit Number: WP3231NB

Operator: Dairy Partners (Cymru Wales) Limited

Facility: The Creamery, Aberared.

Form Number: Performance 1 / 29/01/2019

Reporting of other performance indicators for the period to

Parameter	Quantity	Units
Total milk used	178685.574	tonnes
Total Cheese produced	18344.5379	tonnes
Total waste sent for recovery		tonnes
Total waste sent for disposal		tonnes

Operator's comments :

Milk – 181,552,925 Kg

Cheese – 18,638,911 Kg

Dairy Partners generated **100.016** tonnes of waste in 2021. All waste was removed to a transfer station for sorting, further treatment and recovery.

SignedAndrew Jones.....
(Authorised to sign as representative of Operator)

Date.....20/01/2022.....