

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 01st December 2022 to 31st December 2022

Emission Point	Substance / Parameter	Emission		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
W1	Maximum daily volume	1,050 m ³ per day	Daily	608.95 m3/day	Continuous flow monitoring MCERTS Flow meter	Average based on flowmeter readings	
W1	Chemical Oxygen Demand	120 mg/l	Flow proportional daily composite	31 mg/l		01/12/22	
W1	Total suspended solids	50 mg/l	Flow proportional daily composite	24 mg/l	BS EN 872:2005	01/12/22	
W1	Ammonia as N	22 mg/l	Spot sample	<0.050 mg/l	BS EN 11732:2005	01/12/22	
W1	Temperature	21°C	Instantaneous	8.0 °C	Standard Temperature sensor	01/12/22	
W1	Nitrite (as N)	3 mg/l	Spot sample	0.027 mg/l	BS EN ISO 13395	01/12/22	
W1	Mercury	0.5 µg/l 50 g/year	Compliance based on mass balance calculation	<10.522 g/year			
W1	Cadmium	0.01 mg/l 50 g/year	Compliance based on mass balance calculation	<23.146 g/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.

SignedJohn Potter.....
(Authorised to sign as representative of Operator)

Date- 03/01/2023