

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 Jan 2020 to 31st Jan 2020

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	400.41m3/day	Continuous flow monitoring MCERTS Flow meter	Average based on flowmeter readings	
W1	Chemical Oxygen Demand	120 mg/l		Flow proportional daily composite	115mg/l		05/01/2020	
W1	Total suspended solids	50 mg/l		Flow proportional daily composite	40mg/l	BS EN 872:2005	08/01/2020	
W1	Ammonia as N	22 mg/l	Spot sample		10mg/l	BS EN 11732:2005	15/01/2020	
W1	Temperature	21°C	Instantaneous		12.6	Standard Temperature sensor	15/01/2020	
W1	Nitrite (as N)	3 mg/l	Spot sample		1.09mg/l	BS EN ISO 13395	15/01/2020	
W1	Mercury	0.5 µg/l 50 g/year	Compliance based on mass balance calculation		-			
W1	Cadmium	0.01 mg/l 50 g/year	Compliance based on mass balance calculation		-			

[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.

Signed
(Authorised to sign as representative of Operator)

Date- 05/04/2020

Permit Number: WP3231NB

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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 Mar 2020** to **31st Mar 2020**

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	385.7m3/day	Continuous flow monitoring MCERTS Flow meter	Average based on flowmeter readings	
W1	Chemical Oxygen Demand	120 mg/l		Flow proportional daily composite	120mg/l		21/03/2020	
W1	Total suspended solids	50 mg/l		Flow proportional daily composite	47mg/l	BS EN 872:2005	02/03/2020	
W1	Ammonia as N	22 mg/l	Spot sample		5mg/l	BS EN 11732:2005	04/03/2020	
W1	Temperature	21°C	Instantaneous		15.7	Standard Temperature sensor	18/03/2020	
W1	Nitrite (as N)	3 mg/l	Spot sample		0.10mg/l	BS EN ISO 13395	04/03/2020	
W1	Mercury	0.5 µg/l 50 g/year	Compliance based on mass balance calculation		-			
W1	Cadmium	0.01 mg/l 50 g/year	Compliance based on mass balance calculation		-			

[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.

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W1	Temperature	21°C	Instantaneous		15.7	Standard Temperature sensor	18/03/2020	
W1	Nitrite (as N)	3 mg/l	Spot sample		0.10mg/l	BS EN ISO 13395	04/03/2020	
W1	Mercury	0.5 µg/l 50 g/year	Compliance based on mass balance calculation		-			
W1	Cadmium	0.01 mg/l 50 g/year	Compliance based on mass balance calculation		-			

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