

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 Feb 2020 to 29th Feb 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	491.1 m ³ /day	Continuous flow monitoring MCERTS Flow meter	Average based on flowmeter readings	
W1	Chemical Oxygen Demand	120 mg/l		Flow proportional daily composite	30mg/l		11/02/2020	
W1	Total suspended solids	50 mg/l		Flow proportional daily composite	39mg/l	BS EN 872:2005	11/02/2020	
W1	Ammonia as N	22 mg/l	Spot sample		5.8mg/l	BS EN 11732:2005	11/02/2020	
W1	Temperature	21°C	Instantaneous		15.7°C	Standard Temperature sensor	11/02/2020	
W1	Nitrite (as N)	3 mg/l	Spot sample		1.55mg/l	BS EN ISO 13395	11/02/2020	
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

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 April 2020 to 30th April 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	384.0 m ³ /day	Continuous flow monitoring MCERTS Flow meter	Average based on flowmeter readings	
W1	Chemical Oxygen Demand	120 mg/l		Flow proportional daily composite	56mg/l		19/06/2020	
W1	Total suspended solids	50 mg/l		Flow proportional daily composite	19 mg/l	BS EN 872:2005	19/06/2020	
W1	Ammonia as N	22 mg/l	Spot sample		19 mg/l	BS EN 11732:2005	19/06/2020	
W1	Temperature	21°C	Instantaneous		14°C	Standard Temperature sensor	19/06/2020	
W1	Nitrite (as N)	3 mg/l	Spot sample		1.10 mg/l	BS EN ISO 13395	19/06/2020	
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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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 June 2020 to 30th June 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	486.72 m ³ /day	Continuous flow monitoring MCERTS Flow meter	Average based on flowmeter readings	
W1	Chemical Oxygen Demand	120 mg/l		Flow proportional daily composite	57mg/l		19/06/2020	
W1	Total suspended solids	50 mg/l		Flow proportional daily composite	29 mg/l	BS EN 872:2005	19/06/2020	
W1	Ammonia as N	22 mg/l		Spot sample	21 mg/l	BS EN 11732:2005	19/06/2020	
W1	Temperature	21°C		Instantaneous	17°C	Standard Temperature sensor	19/06/2020	
W1	Nitrite (as N)	3 mg/l		Spot sample	1.0 mg/l	BS EN ISO 13395	19/06/2020	
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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Form Number: Water 1 / 29/01/2019

Reporting of emissions to water (other than to sewer) and land for the period from 01st May 2020 to 31st May 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	369.6 m ³ /day	Continuous flow monitoring MCERTS Flow meter	Average based on flowmeter readings	
W1	Chemical Oxygen Demand	120 mg/l		Flow proportional daily composite	17mg/l		04/05/2020	
W1	Total suspended solids	50 mg/l		Flow proportional daily composite	6 mg/l	BS EN 872:2005	04/05/2020	
W1	Ammonia as N	22 mg/l		Spot sample	10 mg/l	BS EN 11732:2005	04/05/2020	
W1	Temperature	21°C		Instantaneous	19°C	Standard Temperature sensor	04/05/2020	
W1	Nitrite (as N)	3 mg/l		Spot sample	0.57 mg/l	BS EN ISO 13395	04/05/2020	
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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