

Permit Number: EPR/XP3830UR

Operator: The First Milk Cheese Company Limited

Facility: Haverfordwest Creamery

Form Number: Water1 / / /2016

**Reporting of emissions to water (other than to sewer) and land for the period from 01/01/2020 to 31/06/2020**

Emission							
Emission Point	Substance / Parameter	Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
W2	Maximum daily discharge volume	2500 m3/day	Continuous	1761 m3 / day	Flow meter	29/2/20	
W2	Maximum rate of discharge	120 m3/hour	Continuous	117 m3/h	Flow meter	29/2/20	
W2	Temperature	35 Degrees C	Continuous	28.3 degrees	Endress & Hauser CPA 250	2/6/20	
W2	Biochemical oxygen demand	40 mg/l	Weekly	4 mg/l	WAS001 UKAS & MCERTS	4/1/20	23.6%
W2	Total suspended solids	60 mg/l	Weekly	7.4 mg/l	WAS006 UKAS & MCERTS	8/1/20	11.39%
W2	Ammonia	10 mg/l	Weekly	0.326 mg/l	WAS036 UKAS & MCERTS	2/1/20	10.1%
W2	Total phosphates	5 mg/l	Weekly	4.39 mg/l	WAS049 UKAS & MCERTS	12/1/20	14.1%
W2	Iron	10 mg/l	Weekly	0.023 mg/l	WAS049 UKAS & MCERTS	24/5/20	9.46%
W2	Aluminium	2 mg/l	Weekly	1.087 mg/l	WAS049 UKAS & MCERTS	5/5/20	12.91%

Emission							
Emission Point	Substance / Parameter	Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
W2	pH	6 - 9	Weekly	8.2	WAS039 UKAS & MCERTS	13/1/20	0.427%

<sup>[1]</sup>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.

<sup>[2]</sup>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.

<sup>[3]</sup>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.

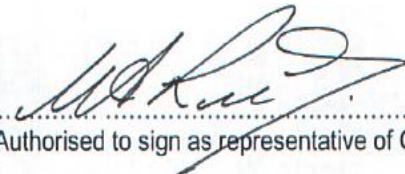
<sup>[4]</sup>The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

<sup>[1]</sup>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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<sup>[3]</sup>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.

<sup>[4]</sup>The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....  
  
 (Authorised to sign as representative of Operator)

Date...03/07/2020.....

Permit Number:      **EPR/XP3830UR**

Operator:            **The First Milk Cheese Company Limited**

Facility:            **Haverfordwest Creamery**

Form Number:      **WaterUsage1 / 29/07/2016**

**Reporting of Water Usage for the year 2018 (Jan – Jun)**

<b>Water Source</b>	<b>Usage (m<sup>3</sup>/year)</b>	<b>Specific Usage (m<sup>3</sup>/unit output)</b>
Potable water	132551 m3	8.29 m3 / tonne
Non potable water	48309852 m3	3022 m3 / tonne
<b>TOTAL WATER USAGE</b>	<b>48442403 m3</b>	<b>15894 m3 / tonne of product</b>

**Operator's comments :**

**Non-Potable water refers to water recovered and cleaned during the cheese production process and re-used in the process.**

Signed .....  
(authorised to sign as representative of Operator)

Date.....

