

Permit Number:

EPR/XP3830UR

Operator:

The First Milk Cheese Company Limited

Facility:

Haverfordwest Creamery

Form Number:

Water1 /

Reporting of emissions to water (other than to sewer) and land for the period from 01/01/2021 to 30/06/2021

Emission Point	Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Total daily volume					
W2	Maximum daily discharge volume	2500 m ³ /day			1904m ³ /day	Flow meter	23/03/2021	
	Maximum rate of discharge	120 m ³ /hr		Instantaneous	100m ³ /hr	Flow meter	23/03/2021	
	Temperature	35 °C		Absolute maximum	24.8 °C	Standard thermocouple	30/06/2021	
	Biochemical oxygen demand	40 mg/L		Absolute maximum	19mg/l	BS EN 1899-1	08/02/2021	
		20 mg/L		95 th percentile ^[5]				
	Total suspended solids	60 mg/L		Absolute maximum	25mg/l	BS EN 872	21/06/2021	33.3%
		30 mg/L		95 th percentile ^[5]				
	Ammonia	10 mg/L		Absolute maximum	2.57mg/l	BS EN ISO 11732	28/06/2021	18%
		3.5 mg/L		95 th percentile ^[5]				
	Total phosphates	5 mg/L		Absolute maximum	2.91mg/l	BS EN ISO 15681-1	22/06/2021	3.4%
		3 mg/L		95 th percentile ^[5]				
	Iron	10 mg/L		Absolute maximum	0.68mg/l	BS EN ISO 11885	28/03/2021	29%
		5 mg/L		95 th percentile ^[5]				
	Aluminium	2 mg/L		Absolute maximum	1.3mg/l	BS EN ISO 11885	02/03/2021	16.4%
		1 mg/L		95 th percentile ^[5]				
	pH	6 – 9		Absolute maximum	8.6	BS ISO 10523	18/04/2021	6.6%

Notes:

- [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.
- [5] For 95 % of all measured values according to look up table

Signed
(Authorised to sign as representative of Operator)

Date.....


20 July 2021

Permit Number:

EPR/XP3830UR

Operator:

The First Milk Cheese Company Limited

Facility:

Haverfordwest Creamery

Form Number:

WaterUsage1 /

Reporting of Water Usage for the Period 01/01/2021 – 30/06/2021

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /unit output)
Potable water	129332	6.66 M3 Per Tonne of Cheese
Non potable water	116572	5.99 M3 Per Tonne of Cheese
TOTAL WATER USAGE	245904	

Operator's comments:

Non potable water refers to water extracted during the processing activity and re-used within it.

Signed
(authorised to sign as representative of Operator)

Date: 20 July 2021

