

Permit Number: EPR/XP3830UR
Facility: Haverfordwest Creamery

Operator: The First Milk Cheese Company Limited
Form Number: Water1 / 28/07/2022

Reporting of emissions to water (other than to sewer) and land for the period from 01/01/2022 to 30/06/2022

Emission Point	Substance / Parameter	Emission		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
W2	Maximum daily discharge volume	2500 m ³ /day	Total daily volume	2130	Flow meter	08/01/2022	+/-0.5%
	Maximum rate of discharge	120 m ³ /hr	Instantaneous	100	Flow meter	30/06/2022	+/-0.5%
	Temperature	35 °C	Absolute maximum	23.9 Measured and uncertainty not applied	Standard thermocouple	20/06/2022	n/a
	Biochemical oxygen demand	40 mg/L	Absolute maximum	229 / 24 Measured and uncertainty not applied	BS EN 1899-1	13/03/2022	23.6%
		20 mg/L	95 th percentile ^[5]				
	Total suspended solids	60 mg/L	Absolute maximum	61 / 30 Measured and uncertainty not applied	BS EN 872	13/03/2022	33.3%
		30 mg/L	95 th percentile ^[5]				
	Ammonia	10 mg/L	Absolute maximum	7.35 / 3.5 Measured and uncertainty not applied	BS EN ISO 11732	24/01/2022	18%
		3.5 mg/L	95 th percentile ^[5]				
	Total phosphates	5 mg/L	Absolute maximum	3.95 / 3.0 Measured and uncertainty not applied	BS EN ISO 15681-1	28/02/2022	3.4%
		3 mg/L	95 th percentile ^[5]				
	Iron	10 mg/L	Absolute maximum	0.58 / 0.36 Measured and uncertainty not applied	BS EN ISO 11885	13/03/2022	29%
		5 mg/L	95 th percentile ^[5]				
	Aluminium	2 mg/L	Absolute maximum	1.4 / 0.5 Measured and uncertainty not applied	BS EN ISO 11885	25/03/2022	16.4%
		1 mg/L	95 th percentile ^[5]				
	pH	6 – 9	Absolute maximum	8.70	BS ISO 10523	02/05/2022	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*James Cherry*.....

Date.....28/07/2022.....

(Authorised to sign as representative of Operator)

Note – results stated as measured – uncertainty not applied to results.