

Permit Number: BV8024IW

Operator:

Glanbia Cheese Limited

Facility:

Llangefni Dairy

Form Number:

Sewer1

Reporting of emissions to sewer for the period from

1/4/19

to 30/6/19

Emission Point		Substance / Parameter		Limit Value		Reference Period		Result ^[1]		Test Method ^[2]		Sample Date and Times ^[3]		Uncertainty ^[4]	
S1		Chemical Oxygen Demand (mg/l)		None specified		Monthly spot sample comprising a minimum of 4 composite samples taken in any 24-hour period.		1764		Oxidation with dichromate (ISO6060:1989) UKAS accredited lab testing		22/3/19 24 HR		+ 0-20%	
S1		Total Effluent flow (m ³)		None specified		24-hour flow proportional sample.		245,911		Continuous flow meter		Six months		+ 1%	

[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: 9/7/19

Permit Number: BV8024IW

Operator:

Glanbia Cheese Limited

Facility: Llangefni Dairy

Form Number:

Water1

Reporting of emissions to water (other than to sewer) and land for the period from 1/4/19 to 30/6/19

Emission Point	Substance / Parameter	Emission/ Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W2	Biochemical oxygen demand (BOD)	6mg/l	Quarterly Spot sample	3.2	ISO5815-1:2003 Water Quality - Determination of BOD after 5 days dilution and seeding method	5/6/19 11/20	± 0.2 mg/l
W2	Suspended Solids	30mg/l	Quarterly Spot sample	6	ISO 11929:1997 EN872, Determination of suspended solids	"	± 0.7 mg/l
W2	Oil and grease	10mg/l	Quarterly Spot sample	7.4	SCA, The determination of hydrocarbon oils in waters by solvent extraction IR absorption and gravimetry	"	± 1.7 mg/l
W2	pH	6-9	Quarterly Spot sample	7.6	SCA, The measurement of electric conductivity and the determination of pH	"	± 0.2 units
W2	Bromine	Not m/l detectable	Quarterly Spot sample	< 0.05	SCA Blue Book 218	"	4%

[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: 9/7/19