

Permit Number: EP3034GS Operator: Wynnstay Group Plc

Facility: Llysonnen Mill Form Number: Air1

Reporting of emissions to air for the period from 01/01/21 to 31/12/21

Emission Point	Substance / Parameter	Emission		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
A1 Red Line	Particulate Matter	50 mg/m ³	1 hour period	4.9 mg/m ³	BS EN 13284-1	18/11/21 10:39 – 10:55; 10:56 – 11:12	+/- 0.84
A2 Blue Line	Particulate Matter	50 mg/m ³	1 hour period	6.6 mg/m ³	BS EN 13284-1	18/11/21 9:58 – 10:14; 10:15 – 10:31	+/- 0.84

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. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography. 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. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed *S. Davis*
(Authorised to sign as representative of Operator)

Date 31/01/22

Permit Number: EP3034GS Operator: Wynnstay Group Plc

Facility:

Llysonnen Mill

Form Number:

Water1

Reporting of emissions to water (other than to sewer) and land for the period from 01/01/21 to 31/12/21

Emission							
Emission Point	Substance / Parameter	Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Total suspended solids	15 mg/l		11.6	Determination of Suspended Solids in water by gravimetric analysis as 105°C (In-house method) INORG-L10 ISO 17025	08.04.21	+/-10% of reported value
W1	pH	5.0 – 8.5		7.2 8.0	Determination of pH in water by pH meter (In-house method) INORG-L01 ISO 17025	08.04.21 11.06.21	+/- 0.1 pH value
W1	BOD (5 day)	10 mg/l		12.7	Determination of BOD in water by titration (In-house method) INORG-L10 ISO 17025	08.04.21	+/- 7.5% of reported value

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. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.

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.

The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed *S. Davis* Date...31/01/22...
(Authorised to sign as representative of Operator)

Permit Number: EP3034GS Operator: Wynnstay Group Plc
Facility: Llysonnen Mill Form Number: Water Usage

Reporting of Water Usage for the year 2021

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /unit output)
Mains water		
2021	2813.101	0.0208
TOTAL WATER USAGE		

Operator's comments:

Signed *S. Davies* Date.....31/01/22
(authorised to sign as representative of Operator)

Permit Number: EP3034GS Operator: Wynnstay Group Plc
 Facility: Llysonnen Mill Form Number: Energy

Reporting of Energy Usage for the year 2021

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity * MWhr	5,330.694	13859.8044	0.1025
Gas Oil Litres	106158	1125.2748	0.00832
TOTAL	-	14985.079	0.11079

* Conversion factor for delivered electricity to primary energy = 2.6

Operator's comments :
 Kerosene usage has fallen due to repair of steam leaks and removal of obsolete steam lines.

Signed *S. Davies* Date 31/01/22
 (Authorised to sign as representative of Operator)

Permit Number: EP3034GS Operator: Wynnstay Group Plc

Facility: Llysonnen Mill Form Number: Performance 1

Reporting of other performance indicators for the period 01/01/2021 to 31/12/21

Parameter		Units
Total animal feed produced		tonnes
		135252.5
Waste produced per tonne of product		kg Waste/tonne of product
Liquid	155.47	1.1495
Mixed	146.25	1.0813
Mixed Recycling	7.6	0.0562
Total	309.32	2.287

Operator's comments:

Signed *S. Davis*
(Authorised to sign as representative of Operator)

Date...31/01/22.....