Permit Number: EPR/EP3738NG Operator: WEPA UK Ltd

Facility: Bridgend Papermill Form Number: Air 1 17/01/22

Reporting of emissions to air for the period from 01/01/22 **to** 31/12/22

Emission Point	Substance / Parameter	Emission/ Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
A1	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	250 mg/m^3	Hourly average	209.7	BS EN 14792	13/12/2022 10:58-12:03	+/- 5.7
A1	Carbon monoxide	150 mg/m^3	Hourly average	10.6	BS EN 15058	13/12/2022 10:58-12:03	+/- 0.3
A2	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	250 mg/m^3	Hourly average	85.4	BS EN 14792	14/12/2022 10:00-11:06	+/- 2.6
A2	Carbon monoxide	150 mg/m^3	Hourly average	0.4	BS EN 15058	14/12/2022 10:00-11:06	+/- 1.3
A4	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	40 mg/m^3 (natural gas) 100 mg/m^3 (gas oil)	Hourly average	27.0	BS EN 14792	14/12/2022 12:40-13:40	+/-0.6
A11	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	40 mg/m^3 (natural gas)	Hourly average	38.8	BS EN 14792	21/12/2022 11:02-12:02	+/-0.9

[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 R Chem Date.....30/01/2023.....

Permit Number: EPR/EP3738NG

Operator: WEPA UK Ltd

Facility: Bridgend papermill

Form Number: Water 1 30/09/2018

Reporting of emissions to water (other than to sewer) and land for the period from 01-Jan-22 to 31-Dec-22

Emission Point	Substance /Parameter	Emission/ Limit Value	Reference Period	Result[1]	Test Method[2]	Sample Date & Times[3]	Uncertainty [4][5]
W1	Flow rate	No limit set	Instantaneous	832	MCERTS self monitoring of effluent flow scheme	24-12-22 01:39	± 8.0%
W1	Maximum daily flow [6]	17,500 m^3/day	24 hours	4913	MCERTS self monitoring of effluent flow scheme	15.10.22	± 8.0%
W1	Mean daily flow	No limit set	24 hours	1449	MCERTS self monitoring of effluent flow scheme	--	± 8.0%
W1	pH	6.5 (min) 8.0 (max)	Daily average	6.64 7.46	MCERTS approved instrumentation or equivalent	10.10.22 13.8.22	± 1.2%
W1	Temperature	25°C	Daily average	23.8	Standard temperature sensor	10.7.22	± 0.7%
W1	Chemical oxygen demand (COD) [7]	No limit set	24-hour flow proportional composite sample	75.2	COD: BS ISO 15705	15.9.22	± 9.6%
W1	Biochemical oxygen demand (BOD)	10 mg/l	24-hour flow proportional composite sample	5.4	BS EN 1899-1	15.9.22	± 15.5%
W1	Total Suspended Solids	25 mg/l	Daily	24.2	BS EN 872	21.6.22	± 17.2%
W1	Ammonia as N	1 mg/l	Daily	0.84	BS EN ISO 11732 or ISBN 0117516139	13.6.22	± 9.5%
W1	Total nitrogen	No limit set	24 hour flow proportional composite sample	9.61	BS EN ISO 11905-1	15.9.22	± 14.8%
W1	Total phosphorous	No limit set	24 hour flow proportional composite sample	1.06	BS EN ISO 6878-1	31.8.22	±6.7%
W1	Other compounds: AOX	No limit set	24 hour flow proportional composite sample	0.58	DIN EN ISO 9562	31.3.22	± 27.3%

Emission Point	Substance /Parameter	Emission/ Limit Value	Reference Period	Result[1]	Test Method[2]	Sample Date & Times[3]	Uncertainty [4][5]
W1	Priority Hazardous Substances [8]	–	24 hour flow proportional composite sample	NONE	GCMS analysis at UKAS accredited laboratory	15.11.22	20
W1	Zn (total and dissolved) and its compounds	–	24 hour flow proportional composite sample	17.0	BS EN ISO 15586:2003	15.11.22	20
W1	Cu (total and dissolved) and its compounds	–	24 hour flow proportional composite sample	3.1	BS EN ISO 15586:2003	15.11.22	20
W1	Cd (total and dissolved) and its compounds	–	24 hour flow proportional composite sample	0.03	BS EN ISO 15586:2003	15.11.22	20
W1	Pb (total and dissolved) and its compounds	–	24 hour flow proportional composite sample	0.30	BS EN ISO 15586:2003	15.11.22	20
W1	Hg (total and dissolved) and its compounds	–	24 hour flow proportional composite sample	<0.005	BS EN ISO 15586:2003	15.11.22	20
W1	Ni (total and dissolved) and its compounds	–	24 hour flow proportional composite sample	1.5	BS EN ISO 15586:2003	15.11.22	20

[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] In the case of results for the Hazardous pollutants screen supply the quoted Limit of Detection (LOD) with the result.
[6] In the case of daily flow supply the maximum and mean figure for each month within the 6 month reporting window.
[7] If TOC is already monitored as a key process parameter, there is no need to measure COD, however the correlation between the two parameters must established and checked regularly.
[8] Hazardous pollutants screen substances are: Chlorpyriphos, Cypermethrin, Endosulphan (A & B), 4- nonylphenols & Nonylphenol ethoxylates, PCP, TBT

Signed R Owen ..... Date .....30/01/2023.....

Permit Number: EPR/EP3738NG **Operator: Wepa UK Limited**

Facility: Bridgend Paper Mill **Form Number: Performance 1**

Reporting of other parameters for the period: 1st January 2022 to 31st December 2022

Parameter	Units	
NOx/ADT	Tonnes / ADT	0.001
CO_2/ADT	Tonnes / ADT	0.740
BOD/ADT	Kg/ADT	0.009
COD/ADT	Kg/ADT	0.261
Suspended Solids /ADT	Kg/ADT	0.087
Total Nitrogen	Kg/ADT	0.037
Total Phosphorous	Kg/ADT	0.001
Adsorbable organically bound halogens	Kg/ADT	0.003

Operator's comments:

Signed R. Chemi ..... Date 30/01/2023

(Authorised to sign as representative of the operator)