

Permit Number: EPR/EP3738NG

Operator: WEPA UK Ltd

Facility: Bridgend Papermill

Form Number: Air 1 30/01/24

Reporting of emissions to air for the period from 01/01/23 to 31/12/23

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	212.1	BS EN 14792	19/12/2023 11:50-12:50	+/- 3.8
A1	Carbon monoxide	150 mg/m ³	Hourly average	12.6	BS EN 15058	19/12/2023 10:02-11:02	+/- 0.8
A2	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³	Hourly average	80.7	BS EN 14792	20/12/2023 11:45-12:45	+/- 1.3
A2	Carbon monoxide	150 mg/m ³	Hourly average	3.5	BS EN 15058	20/12/2023 11:45-12:45	+/- 0.1
A4	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	40 mg/m ³ (natural gas)	Hourly average	28.6	BS EN 14792	18/12/2023 10:05-11:05	+/-0.8
A11	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	40 mg/m ³ (natural gas)	Hourly average	37.2	BS EN 14792	20/12/2023 10:16-11:16	+/-0.6

[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 ...

Date.....30/01/2024.....

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-23 to 31-Dec-23

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	1141		MCERTS self monitoring of effluent flow scheme	02-10-23 21:12		± 8.0%
W1	Maximum daily flow ^[6]	17,500 m ³ /day	24 hours	6255		MCERTS self monitoring of effluent flow scheme	31.3.23		± 8.0%
W1	Mean daily flow	No limit set	24 hours	2621		MCERTS self monitoring of effluent flow scheme	--		± 8.0%
W1	pH	6.5 (min) 8.5 (max)	Daily average	6.70	7.77	MCERTS approved instrumentation or equivalent	10.12.23	8.9.23	± 0.8%
W1	Temperature	25°C	Daily average	24.5		Standard temperature sensor	23.8.23		± 0.5%
W1	Chemical oxygen demand (COD) ^[7]	No limit set	24-hour flow proportional composite sample	58.7		COD: BS ISO 15705	9.3.23		± 6.6%
W1	Biochemical oxygen demand (BOD)	10 mg/l	24-hour flow proportional composite sample	3.1		BS EN 1899-1	9.3.23		± 15.9%
W1	Total Suspended Solids	25 mg/l	Daily average	24.7		BS EN 872	24.1.23		± 14.6%
W1	Ammonia as N	1 mg/l	Daily average	0.96		BS EN ISO 11732 or ISBN 0117516139	2.2.23		± 15.3%
W1	Total nitrogen	No limit set	24 hour flow proportional composite sample	11.30		BS EN ISO 11905-1	9.2.23		± 16.2%
W1	Total phosphorous	No limit set	24 hour flow proportional composite sample	0.90		BS EN ISO 6878-1	5.1.23		± 6.1%
W1	Other compounds: AOX	No limit set	24 hour flow proportional composite sample	0.95		DIN EN ISO 9562	27.4.23		± 23.7%

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	12.12.23	± 20.0%
W1	Zn (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	25.0	BS EN ISO 15586:2003	12.12.23	± 20.0%
W1	Cu (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	4.2	BS EN ISO 15586:2003	12.12.23	± 20.0%
W1	Cd (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	<0.02	BS EN ISO 15586:2003	12.12.23	± 20.0%
W1	Pb (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	0.40	BS EN ISO 15586:2003	12.12.23	± 20.0%
W1	Hg (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	<0.005	BS EN ISO 15586:2003	12.12.23	± 20.0%
W1	Ni (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	1.8	BS EN ISO 15586:2003	12.12.23	± 20.0%

- [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 be established and checked regularly.
- [8] Hazardous pollutants screen substances are: Chlorpyrifos, Cypermethrin, Endosulphan (A & B), 4- nonylphenols & Nonylphenol ethoxylates, PCP, TBT

Signed

Date30.01.2024.....

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 2023 to 31st December 2023

Parameter		Units
NO _x /ADT	Tonnes / ADT	0.001
CO ₂ /ADT	Tonnes / ADT	0.578
BOD/ADT	Kg/ADT	0.009
COD/ADT	Kg/ADT	0.296
Suspended Solids /ADT	Kg/ADT	0.103
Total Nitrogen	Kg/ADT	0.049
Total Phosphorous	Kg/ADT	0.002
Adsorbable organically bound halogens	Kg/ADT	0.003

Operator's comments:

Signed ...
(Authorised to sign as representative of the operator)

Date.....30/01/2024.....