

Permit Number: EPR/EP3738NG

Operator: WEPA UK Ltd

Facility: Bridgend Papermill

Form Number: Air 1 20/01/25

Reporting of emissions to air for the period from 01/01/24 to 31/12/24

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	205.1	BS EN 14792	04/12/2024 11:30am – 12:30pm	+/- 6.1
A1	Carbon monoxide	150 mg/m ³	Hourly average	18.1	BS EN 15058	04/12/2024 10:00am -11:00am	+/- 0.6
A2	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³	Hourly average	83.3	BS EN 14792	03/12/2024 12:52pm – 13:52pm	+/- 2.1
A2	Carbon monoxide	150 mg/m ³	Hourly average	1.5	BS EN 15058	03/12/2024 12:52pm – 13:52pm	+/- 1.2
A4	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	40 mg/m ³ (natural gas)	Hourly average	38.8	BS EN 14792	08/01/2025 13:19pm – 14:19pm	+/-1.4
A11	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	40 mg/m ³ (natural gas)	Hourly average	35.8	BS EN 14792	03/12/2024 10:15am – 11:15am	+/-0.7

[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.....20/01/2025.....

Permit
Number:
EPR/BJ5805IX EPR/EP3738NG

Operator: WEPA UK Ltd

Facility: Bridgend papermill

Form Number: W1 Water Return 2024

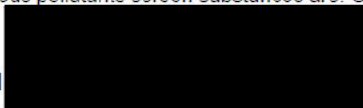
Reporting of emissions to water (other than to sewer) and land for the period from 01-Jan-24 to 31-Dec-24

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	01.01.24 17:08		± 8.0%
W1	Maximum daily flow ^[6]	17,500 m ³ /day	24 hours	7281		MCERTS self monitoring of effluent flow scheme	26.9.24		± 8.0%
W1	Mean daily flow	No limit set	24 hours	3260		MCERTS self monitoring of effluent flow scheme	--		± 8.0%
W1	pH	6.5 (min) 8.5 (max)	Daily average	6.53	7.46	MCERTS approved instrumentation or equivalent	25.5.24	13.9.24	± 0.8%
W1	Temperature	25°C	Daily average	21.2		Standard temperature sensor	30.6.24		± 0.5%
W1	Chemical oxygen demand (COD) ^[7]	No limit set	24-hour flow proportional composite sample	57.6		COD: BS ISO 15705	6.6.24		± 2.9%
W1	Biochemical oxygen demand (BOD)	10 mg/l	24-hour flow proportional composite sample	2.9		BS EN 1899-1	23.5.24		± 13.2%
W1	Total Suspended Solids	25 mg/l	Daily	22.7		BS EN 872	10.4.24		± 16.1%
W1	Ammonia as N	1 mg/l	Daily	0.96		BS EN ISO 11732 or ISBN 0117516139	16.07.2024		± 15.3%
W1	Total nitrogen	No limit set	24 hour flow proportional composite sample	8.54		BS EN ISO 11905-1	9.5.24		± 16.2%
W1	Total phosphorous	No limit set	24 hour flow proportional composite sample	0.37		BS EN ISO 6878-1	5.12.24		± 6.1%
W1	Other compounds: AOX	No limit set	24 hour flow proportional composite sample	0.48		DIN EN ISO 9562	12.12.24		± 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	11.12.24	20
W1	Zn (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	16.0	BS EN ISO 15586:2003	11.12.24	20
W1	Cu (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	5.9	BS EN ISO 15586:2003	11.12.24	20
W1	Cd (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	<0.02	BS EN ISO 15586:2003	11.12.24	20
W1	Pb (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	0.40	BS EN ISO 15586:2003	11.12.24	20
W1	Hg (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	<0.005	BS EN ISO 15586:2003	11.12.24	20
W1	Ni (total and dissolved) and its compounds	--	24 hour flow proportional composite sample	1.8	BS EN ISO 15586:2003	11.12.24	20

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- [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



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Date 30/01/25.....

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 2024 to 31st December 2024

Parameter	Units	
NO _x /ADT	Tonnes / ADT	0.001
CO ₂ /ADT	Tonnes / ADT	0.620
BOD/ADT	Kg/ADT	0.012
COD/ADT	Kg/ADT	0.299
Suspended Solids /ADT	Kg/ADT	0.128
Total Nitrogen	Kg/ADT	0.043
Total Phosphorous	Kg/ADT	0.001
Adsorbable organically bound halogens	Kg/ADT	0.003

Operator's comments:

Signed



(Authorised to sign as representative of the operator)

Date

22/01/2025