

Permit Number EPR/EPR3738NG

Operator:

Wepa UK Ltd

Facility: Bridgend Paper Mill

Form Number:

Water1

Reporting of emissions to water (other than to sewer) and land for the period from

01-Jul-18

to

30-Sep-18

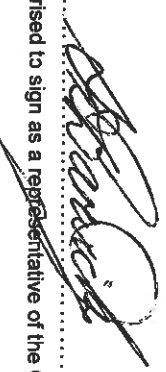
Emission Point	Substance /Parameter	Emission Limit value	Reference Period	Result ⁽¹⁾		Test Method ⁽²⁾	Sample Date & Times ⁽³⁾		Uncertainty ⁽⁴⁾
W1 Effluent Treatment Plant	pH	6.5 - 8.0	continuous	6.96	7.67	BS 6088-2.5:1995	20.9.18	15.7.18	± 0.7%
W1 Effluent Treatment Plant	Temperature	25.0°C	continuous		21.2	Standard temperature sensor		7.8.18	± 0.5 °C
W1 Effluent Treatment Plant	Daily Flow volume	17,500 m ³ /day	continuous		4344	MCERTS self monitoring of effluent flow scheme (E&H Prosonic FMU 861)		20.9.18	± 8.0%
W1 Effluent Treatment Plant	Suspended solids	40 mg/l ⁽¹⁾	continuous		8.8	In-house monitor (E&H Turbimax W CUS41) ISO 7027 / DIN 27027		13.7.18	± 10.3%
W1 Effluent Treatment Plant	Suspended solids Monthly maximum, 95%ile	25 mg/l ⁽²⁾	continuous		7.6	In-house monitor (E&H Turbimax W CUS41) ISO 7027 / DIN 27027		NA	± 10.3%
W1 Effluent Treatment Plant	Suspended solids	No limit set	24 hour flow proportional composite sample		6.5	BS EN 872:2005		31.7.18	± 9.3%
W1 Effluent Treatment Plant	Biochemical oxygen demand	10 mg/l ⁽¹⁾	continuous		1.1	In-house BOD monitor (BIOX 1010) DIN/VDE 0701		26.8.18	± 14.8%
W1 Effluent Treatment Plant	Biochemical oxygen demand	No limit set - mg/l	24 hour flow proportional composite sample		1.32	SCA blue book 130		20.7.18	± 13.7%
W1 Effluent Treatment Plant	Chemical oxygen demand	No limit set - mg/l	Spot		29.0	SCA blue book 215		31.7.18	± 3.0%
W1 Effluent Treatment Plant	Oil/grease	Free from visible oil & grease ⁽¹⁾	Spot		None	No visible signs		All samples	NA

Emission Point	Substance /Parameter	Emission Limit value	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date & Times ⁽³⁾	Uncertainty ⁽⁴⁾
W1 Effluent Treatment Plant	Pentachlorophenol	1.0 µg/l ⁽³⁾	24 hour flow proportional composite sample	Screened out by H1 Approved 27.01.17	NA	-	-
W1 Effluent Treatment Plant	Tributyltin	0.01 µg/l ⁽³⁾	24 hour flow proportional composite sample	Screened out by H1 Approved 27.01.17	NA	-	-
W1 Effluent Treatment Plant	Mercury and its compounds expressed as mercury (total Hg)	0.1 µg/l ⁽³⁾	24 hour flow proportional composite sample	Screened out by H1 Approved 27.01.17	BS EN ISO 17352	-	-
W1 Effluent Treatment Plant	Cadmium and its compounds expressed as cadmium (total Cd)	0.6 µg/l ⁽³⁾	24 hour flow proportional composite sample	Screened out by H1 Approved 27.01.17	BS EN ISO 17294	-	-
W1 Effluent Treatment Plant	Microtox test	> EC50 80%	Spot	N/A*	BS EN ISO 11348	-	-
W1 Effluent Treatment Plant	Ammoniacal nitrogen	1 mg/l ⁽³⁾	Spot	0.12	BS EN ISO 11732:2005, BS 6068-2.93:2005	10.7.18	± 6.3%
W1 Effluent Treatment Plant	Total nitrogen	No limit set	24 hour flow proportional composite sample	3.37	BS EN 12260, BS 6068-2.83	12.7.18	± 10.8%
W1 Effluent Treatment Plant	Total phosphorous	No limit set	24 hour flow proportional composite sample	1.72	BS EN ISO 15681, BS 6068-2.28:2004	26.7.18	± 6.4%
W1 Effluent Treatment Plant	dangerous substances screen	No limit set	24 hour flow proportional composite sample	NA	GC/MS - UKAS Laboratory	NA	NA

* NLS discontinued Microtox testing in May 2014

- (1) The result given is the maximum value (or 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 is expressed as a range, the result is given as the 'minimum - maximum' measured values.
- (2) Where an internationally recognised standard is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principle technique is stated, for example gas chromatography.
- (3) For non-continuous measurements the date and time of the sample that produced the result 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 a representative of the Operator)

Date

29 Oct 2018