

Permit Number:
UK Ltd

BT4885IT

Operator: UPM-Kymmene

Facility: Shotton Paper Mill

Form Number: W1

Reporting of emissions to water (other than to sewer) for the quarter from 01/07/2019 to 01/10/2019

Emission						
Emission Point	Substance / Parameter	Limit Value	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾ Uncertainty ⁽⁴⁾
W1	BOD	25 mg/l	Weekly	8	BS EN 1899-1 (1998)	07.00 16/08/2019
W1	Total suspended solids	60 mg/l	Weekly. For 95% of all measured values of periodic samples taken over one month	29	BS EN 872	07.00 29/07/2019
W1	pH max	9	Instantaneous	8.3	BS6068-2.50	09/09/2019
W1	pH min	6	Instantaneous	7.0	BS6068-2.50	07.00 09/08/2019
W1	COD	-	Spot	99		07.00 27/09/2019
W1	Ammoniacal Nitrogen	4 mg/l	Spot	0.3 mg/l		29 th August
W1	Temperature degrees Celsius	25° Celsius	Continuous	26.5		25/07/2019
W1	Total Phosphorus	-	Spot	0.4 mg/l		10 th July
W1	Maximum instantaneous Flow rate	800 l/s	24 hour period beginning 00:01	682		07/07/2019

Emission						
Emission Point	Substance / Parameter	Limit Value	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾ Uncertainty ⁽⁴⁾
W1	Maximum Daily Flow	22,000 m ³ /day	Instantaneous	16420		29/07/2019
W1	Maximum Tidal Flow	11,000 m ³ /tide	Instantaneous	8581		25/07/2019
W1	Cd (µg/m ³)	-		<0.0001 mg/l		17 July
W1	Hg (µg/m ³)	-		0.0002 mg/l		17 July
W1	Fe (mg/m ³)	-		0.23 mg/l		17 July
W1	Mn (mg/m ³)	-		0.061 mg/l		17 July
W1	Zn (mg/m ³)	-		0.022 mg/l		17 July
W1	As (mg/m ³)	-		0.002 mg/l		17 July
W1	Cu (mg/m ³)	-		0.002 mg/l		17 July
W1	Cr (mg/m ³)	-		0.002 mg/l		17 July
W1	Ni (mg/m ³)	-		0.003 mg/l		17 July
W1	Pb (mg/m ³)	-		0.001 mg/l		17 July

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 Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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
(Authorised to sign as representative of Operator)

Date..... 5/11/19