

Permit Number: BT4885IT

Facility: Shotton Paper Mill

Operator: UPM-Kymmene UK Ltd

Form Number: W1



Reporting of emissions to water (other than to sewer) for the quarter from 01/04/2012 to 30/06/2012

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
W1	Biological Oxygen Demand (measured after 5 days at 20°C) with nitrification suppressed by the addition of allylthiourea)	25mg/l		5mg/l	ISO 5815: 1989	20.08.12 09:00	
W1	Suspended Solids	60 mg/l	For 95% of all measured values of periodic samples taken over one month	30mg/l	BS EN 872	08.08.12 13:00	
W1	pH max	9 pH	Instantaneous	8.12	BS6068-2.50	05.08.12 18:00	
W1	pH min	6 pH	Instantaneous	7.34	BS6068-2.50	05.10.12 06:00	
W1	COD	-	Spot	248mg/l		24.08.12 07:00	
W1	Ammoniacal Nitrogen	4 mg/l	Spot	2.092		18.09.12 07:00	
W1	Temperature degrees Celsius	25° Celsius (note 5)	Continuous	27.8		10.08.12 20:00	
W1	Total Phosphorus	-	Spot				
W1	Maximum instantaneous Flow rate	800 l/s	24 hour period beginning 00.01	l/s		29.05.12 19:00	
W1	Maximum Daily Flow	22,000 m³/day	Instantaneous	19040 m³/day		25.09.12	
W1	Maximum Tidal Flow	11,000 m³/tide	Instantaneous	9492 m³		29.09.12 19:00	

Variation number EPR/BT4885IT/V010

Date of Form: 15/06/2012

30-4-13
9-4-13
30-4-13
EDAM

W1	Cd (ug/m3)	-					
W1	Hg (ug/m3)	-					
W1	Fe (mg/m3)	-					
W1	Mn (mg/m3)	-					
W1	Zn (mg/m3)	-					
W1	As (mg/m3)	-					
W1	Cu (mg/m3)	-					
W1	Cr (mg/m3)	-					
W1	Ni (mg/m3)	-					
W1	Pb (mg/m3)	-					

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. Excluding occasions reported on form W3 where a discharge up to 28 degrees Celsius is permitted.

Signed Jan Partridge.....
(Authorised to sign as representative of Operator)

Date:..... 06.11.2012.....