

Permit Number: BT4885IT

Operator: UPM-Kymmene UK Ltd

Facility: Shotton Paper Mill

Form Number: W1

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26 APR 2013

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OK FOR PUBLIC REGISTER

JS 30/4/13

JB 29.4.13

JS 30/4/13

JB EDCM

Reporting of emissions to water (other than to sewer) for the quarter from 01/01/2013 to 31/03/2013

Emission Point	Substance / Parameter	Emission		Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		Limit Value						
W1	Biological Oxygen Demand (measured after 5 days at 20°C) with nitrification suppressed by the addition of allylthiourea)	25 mg/l			6 mg/l	ISO 5815: 1989	28.01.13 9:00	
W1	Suspended Solids	60 mg/l		For 95% of all measured values of periodic samples taken over one month	22 mg/l	BS EN 872	23.03.13 19:00	
W1	pH max	9 pH		Instantaneous	8.00	BS6068-2.50	18.01, 06.02, 07.02, 08.02, 09.02	
W1	pH min	6 pH		Instantaneous	7.326	BS6068-2.50	19.03.13 21:17	
W1	COD	-		Spot	154 mg/l		06.02.13 07:00	
W1	Ammoniacal Nitrogen	4 mg/l		Spot	1.5 mg/l		09.03.13 07:00 10.03.13 07:00	
W1	Temperature degrees Celsius	25° Celsius (note 5)		Continuous	15.05°C		08.01.13 21:00	
W1	Total Phosphorus	-		Spot	2470 ug/l		11/02/13	
W1	Maximum instantaneous Flow rate	800 l/s		24 hour period beginning 00.01	691 l/s		03.02.13 19:00	
W1	Maximum Daily Flow	22,000 m ³ /day		Instantaneous	17960 m ³ /day		02.02.13	

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Date of Form: 15/06/2012

W1	Maximum Tidal Flow	11,000 m ³ /tide	Instantaneous	9656 m ³		03.02.13
W1	Cd (ug/m ³)	-		<1 ug/l		28.01.13
W1	Hg (ug/m ³)	-		0.5 ug/l		28.01.13
W1	Fe (mg/m ³)	-		368 ug/l		28.01.13
W1	Mn (mg/m ³)	-		41 ug/l		28.01.13
W1	Zn (mg/m ³)	-		21 ug/l		28.01.13
W1	As (mg/m ³)	-		10 ug/l		28.01.13
W1	Cu (mg/m ³)	-		2 ug/l		28.01.13
W1	Cr (mg/m ³)	-		12 ug/l		28.01.13
W1	Ni (mg/m ³)	-		3 ug/l		28.01.13
W1	Pb (mg/m ³)	-		1 ug/l		28.01.13

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  Date
(Authorised to sign as representative of Operator)

Date of Form: 15/06/2012

Variation number EPR/BT4885IT/V010

Permit Number: BT48851T
UK Ltd

Facility: Shotton Paper Mill

Operator:
Form Number:
Performance 2



Reporting of other performance indicators for the period 01/01/2013 to 31/03/2013

Parameter	Units
BOD/ADT	0.022 Kg/ADT
Suspended Solids/ADT	0.017 Kg/ADT
Ammoniacal Nitrogen/ADT	0.101 Kg/ADT
Total Phosphorus/ADT	0.009 Kg/ADT
NOx/ADT	5.95 x 10 ⁻⁴ Tonnes/ADT
CO ₂ /ADT	0.111 Tonnes/ADT
Total MRF materials accepted for sorting	45,918 Tonnes
Total MRF facility throughput	46,316 Tonnes
Total MRF material sent for recycling off site	34,690 Tonnes
Total MRF material utilised on site for newsprint production	11,253 Tonnes
Total MRF material sent off site for disposal	438 Tonnes

Operator's comments :

Signed  Date:
(Authorised to sign as representative of UPM-Kymmene UK Ltd)

