

Permit Number: BT4885IT

Operator: Shotton Mill Limited

Facility: Shotton Paper Mill

Form Number: W1

Reporting of emissions to water (other than to sewer) for the quarter from 01/01/2021 to 31/03/2021

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	3.71	BS EN 1899-1 (1998)	17/03/21 @ 12:00	
W1	Total suspended solids	60 mg/l	Weekly. For 95% of all measured values of periodic samples taken over one month	20	BS EN 872	15/02/21 @ 19:00 16/02/21 @ 19:00	
W1	pH max	9	Instantaneous	8.1	BS6068-2.50	14/03/21 @ 19:00	
W1	pH min	6	Instantaneous	6.7	BS6068-2.50	25/02/21 @ 19:00	
W1	COD	-	Spot	149		22/02/21 @ 19:00	
W1	Ammoniacal Nitrogen	4 mg/l	Spot	0.70	TM38/PM0	06/01/21 @ 12:00	+/- 15%
W1	Temperature degrees Celsius	25° Celsius	Continuous	16.7		31/03/21 @ 19:00	
W1	Total Phosphorus	-	Spot	1.10	TM30/PM14	06/01/21 @ 12:00 20/01/21 @ 12:00	+/- 10%
W1	Maximum instantaneous Flow rate	800 l/s	24 hour period beginning 00:01	668.1		23/02/21 @ 08:25	
W1	Maximum Daily Flow	22,000 m³/day	Instantaneous	11470	MCERTS Flow	14/01/21	

Emission Point	Substance / Parameter	Emission			Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period					
W1	Maximum Tidal Flow	11,000 m ³ /tide	Instantaneous		7435	MCERTS Flow	26/03/21	
W1	Cd (µg/m ³)	-	Jan-Mar 2020		170.0	TM30/PM14	13/01/21 @ 12:00	
W1	Hg (µg/m ³)	-	Jan-Mar 2020		30.0	TM30/PM14	13/01/21 @ 12:00	
W1	Fe (mg/m ³)	-	Jan-Mar 2020		160.0	TM30/PM14	13/01/21 @ 12:00	
W1	Mn (mg/m ³)	-	Jan-Mar 2020		46.0	TM30/PM14	13/01/21 @ 12:00	
W1	Zn (mg/m ³)	-	Jan-Mar 2020		14.0	TM30/PM14	13/01/21 @ 12:00	
W1	As (mg/m ³)	-	Jan-Mar 2020		3.0	TM30/PM14	13/01/21 @ 12:00	
W1	Cu (mg/m ³)	-	Jan-Mar 2020		2.0	TM30/PM14	13/01/21 @ 12:00	
W1	Cr (mg/m ³)	-	Jan-Mar 2020		1.0	TM30/PM14	13/01/21 @ 12:00	
W1	Ni (mg/m ³)	-	Jan-Mar 2020		3.0	TM30/PM14	13/01/21 @ 12:00	
W1	Pb (mg/m ³)	-	Jan-Mar 2020		2.0	TM30/PM14	13/01/21 @ 12:00	

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 Date: 27/04/21 (Authorised to sign as representative of Operator)