Permit Number: EPR/BU2489IT

Operator: Intertissue Limited

Facility: Intertissue Neath

Form Number: Performance 1 30/09/18

Reporting of other performance indicators for the period DD/MM/2018 **to** DD/MM/2019

Parameter	**Units**
BOD/ADT	kg/ADT
Suspended solids/ADT	kg/ADT
Total Nitrogen/ADT	kg/ADT
Total Phosphorous/ADT	kg/ADT
NOx	Tonnes/AD
CO_2	Tonnes/ADT
AOX	Tonnes/ADT
Total Energy Used	MWh
Effluent Discharged	M^3
Water Usage	Tonnes

Operator's comments :

Signed ……. Date……..

(Authorised to sign as representative of Operator)

Permit Number: EPR/BU2489IT Operator: Intertissue Limited

Facility: Intertissue Neath Form Number: Performance 2 30/09/18

Reporting of Resource efficiency performance metrics for the period xx/xx/2018 **to** xx/xx/2019

Parameter Water	Units Total m^3/p.a	m^3/t	Methodology Measured or Calculated
Water Inputs to the Mill			
Surface water (actual not licensed) eg: river water			
Groundwater (actual not licensed) eg: borehole water			
Mains water (only report if used in the paper or pulp manufacturing process)			
Other water (eg; if rainwater harvesting is practised)			
Water used in manufacturing			
Cooling water (once through or hybrid systems)			
Process water			
Other water used in manufacturing			
Other inputs of water/moisture			
Pulp or other fibre or wood at X% moisture content[2]			
Waste paper for recycling at X% moisture content[2]			
Water outputs			
Waste Water discharged to surface waters NB; this figure should be the one used to report water usage per tonne as per BREF benchmarks under BATC No.5 and should exclude site drainage and cooling water			
Waste water discharged to sewer			
Losses to evaporation			
Losses in final product at Y% moisture content[2]			
Losses in major waste stream outputs at Y% moisture content such as sludge[2]			
Losses in major waste stream outputs at X% moisture content such as rejects (EWC 03 03 07)[2]			

Parameter Waste	Units Total tonnes/p.a	Measured or Calculated
Waste/raw material Inputs (other than those reported via quarterly waste returns)		
Pulp		
Starch & main fillers		
Other significant raw material inputs if >1000 tonnes		
Waste/raw material outputs (other than those reported via quarterly waste returns)		
Production (Net annual production reported as total as defined in the BREF BATCs[1])		

Notes:
1. (i) For paper mills: the unpacked, saleable production after the last slitter winder, i.e. before converting. (ii) For off-line coaters: production after coating. (iii) For tissue mills: saleable production after the tissue machine before any rewinding processes and excluding any core. (iv) For market pulp mills: production after packing (ADt). (v) For integrated mills: Net pulp, production refers to the production after packing (ADt) plus the pulp transferred to the paper mill (pulp calculated at 90 % dryness, i.e. air dry). Net paper production: same as (i)
2. X% & Y% moisture content. Is defined as the average moisture content over the 12 month period. Monitoring frequency determined by each mill but to be noted on the return for each input/output.

Operator's comments:

Signed ……. Date……..
(Authorised to sign as representative of Operator)

Permit Number: EPR/BU2489IT Operator: Intertissue Limited

Facility: Intertissue Neath Form Number: Water 1 30/09/18

Reporting of emissions to water (other than to sewer) and land for the period from DD/MM/2018 **to** DD/MM/2019

Emission Point	Substance / Parameter	Emission/ Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4] [5]
W1	Biological Oxygen Demand (BOD)	25 mg/l	24-hour flow proportional composite sample		MCERTS self-monitoring of effluent flow scheme		
W1	Chemical Oxygen Demand (COD) [7]	1.5 Kg/t	Annually		MCERTS self-monitoring of effluent flow scheme		
W1	Total Suspended Solids	0.35 Kg/t	Annually		BS EN 872:2005		
W1	Total Mercury and its compounds	--	24-hour flow proportional composite sample		BS EN 1483:2007		
W1	Total Cadmium and its compounds	--	24-hour flow proportional composite sample		BS EN ISO5961:1995		
W1	pH	6 - 9	Instantaneous		MCERTS self-monitoring of effluent flow scheme		
W1	Priority Hazardous Substances Screen [8]	--	24-hour flow proportional composite sample		GCMS analysis at UKAS accredited laboratory		
W1	Temperature	Maximum 40^{o}C	Instantaneous		Standard Temperature Sensor		

Emission Point	Substance / Parameter	Emission/ Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4] [5]
W1	Flow rate	30 l/s	Instantaneous		MCERTS self-monitoring of effluent flow scheme		
W1	Maximum Daily Volume[6]	850 m3/day	24 hours		MCERTS self-monitoring of effluent flow scheme		
W1	Total Nitrogen	0.15 Kg/t	Annually		MCERTS Performance Standards and test procedures for continuous water monitoring equipment		
W1	Total Phosphorus	0.012 Kg/t	Annually		MCERTS Performance Standards and test procedures for continuous water monitoring equipment		
W1	AO_x	0.05 Kg/t	Annually		BS EN ISO 9562 or other method as agreed in writing with Natural Resources Wales		
W1	Fe	--	24-hour flow proportional composite sample		BS EN ISO 15586:2003		
W1	Pb	--	24-hour flow proportional composite sample		BS EN ISO 15586:2003		
W1	Zn	--	24-hour flow proportional composite sample		BS EN ISO 15586:2003		
W1	As	--	24-hour flow proportional composite sample		BS EN ISO 15586:2003		
W1	Cu	--	24-hour flow proportional composite sample		BS EN ISO 15586:2003		
W1	Cr	--	24-hour flow proportional composite sample		BS EN ISO 15586:2003		
W1	Ni	--	24-hour flow proportional composite sample		BS EN ISO 15586:2003		

Emission Point	Substance / Parameter	Emission/ Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4] [5]]
W1	Cd	--	24-hour flow proportional composite sample		BS EN ISO 15586:2003		

[1] 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.
[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
[3] 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.
[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.
[5] In the case of results for the Hazardous pollutants screen supply the quoted Limit of Detection (LOD) with the result.
[6] In the case of daily flow supply the maximum and mean figure for each month within the 6 month reporting window.
[7] If TOC is already monitored as a key process parameter, there is no need to measure COD, however the correlation between the two parameters must established and checked regularly.
[8] Hazardous pollutants screen substances are: Chlorpyriphos, Cypermethrin, Endosulphan (A & B), 4- nonylphenols & Nonylphenol ethoxylates, PCP, TBT
[9] For integrated or multi product mills where the BAT AEL range has been calculated according to a mixing rule based on their share of the discharge, based on information supplied by the Operator, the Operator must notify Natural Resources Wales if the product/ raw material mix changes by more than 10% in any direction.

Signed ……. Date……..

Permit Number: EPR/BU2489IT Operator: Intertissue Limited

Facility: Intertissue Neath Form Number: Air 1 30/09/18

Reporting of emissions to air for the period from DD/MM/2018 **to** DD/MM/2018

Emission Point	Substance / Parameter	Emission/ Limit Value	Reference Period	Result [1]	Test Method [2]	Sample Date and Times [3]	Uncertainty [4]
A2	Particulates	10 mg/l	Spot Sample				
A3	Particulates	No Limit Set	Spot Sample				

[1] 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.
[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
[3] 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.
[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed …….. Date……..
(Authorised to sign as representative of Operator)