

Permit Number: BJ97031M

Operator: Kimberly-Clark Limited

Facility: Flint Paper Mill

Form Number: Air1



Reporting of emissions to air for the period from 1st October to 31st December 2016

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
A6	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Half hourly average	78.25mg/m ³	BS EN 14792		
A7	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Half hourly average	22.72 mg/m ³	BS EN 14792		
A7	Particulates	No limit set	Minimum 4 hour sample	1.33	BS EN 13284-1		
A15	Particulates	No limit Set	Minimum 4 hour sample	0.47	BS EN 13284-1		

- (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 the Environment Agency 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 ...Jan Partridge.....
(Authorised to sign as representative of Kimberly-Clark Limited)

Date... 10/01/2017



SWA 13.1.17
JB 13.1.17

Air1 form updated version sent by email 20/02/17

Permit Number: BJ97031M

Operator:

Kimberly – Clark Limited

Facility: Flint Paper Mill

Form Number:

Water¹

Reporting of emissions to water (other than to sewer) and land for the period from

1st October

to

31st December 2016

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
W2	Biological Oxygen Demand	35 mg/l	Tidal flow proportional sample	12.4 mg/l	EA NLS Lab Test Code 1 SX BOD or NM BOD – 5 day, 2 ATU – by automated DO probe.	09/11/2016 06:36	
W2	Ammonia	4 mg/l	Tidal flow proportional sample	1.83 mg/l	SCA Blue Book 48. BS 6068-2.11, ISO 7150-1	27/12/2016 23:48	
W2	Chemical Oxygen Demand	No limit set	Spot sample	148 mg/l	Blue Book 215, BS ISO 15705:2002. BS 6068-2.34	06/10/2016	
W2	Total suspended solids	80 mg/l	Tidal flow proportional sample	70 mg/l	BS EN 872:2005, SCA Blue Book 105	19/10/2016 02:37	
W2	Metals – Zn, Cu, As, Pb, Ni, total and dissolved	No limit set	Tidal flow proportional sample	NA			
W2	pH	5 - 9	Instantaneous	8.48	BS EN 06068-2.50:1995	12/12/2016 22:39	
W2	Priority Hazardous Substances	No limit set	Tidal flow proportional sample	NA	GC/MS analysis to be carried out by UKAS accredited laboratory		
W2	Temperature	Maximum Temperature 30°C	Instantaneous	28.93 deg c	Standard temperature sensor	27/10/2016 10:58	
W2	AOx	No limit set	Tidal flow proportional sample	30 ug/l (Q3) 261 ug/l (Q4)	EA NLS Lab Test Code 1295	24/10/2016 20:10 23/11/2016 11:30	
W2	Total Nitrogen	No limit set	Tidal flow proportional sample	5.81 ug/l	EA NLS Lab Test Code 387 SX Total Nitrogen or NM Nitrogen – digested, determined colorimetrically by auto analyser.	28/12/2016	

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W2	Total Phosphorous	No limit set	Tidal flow proportional sample	0.47ug/l	EA NLS Lab Test Code 234 SX Total Phosphorous or NM Total Phosphorous – digested, determined colorimetrically by auto analyser.	16/11/2016 00:33	
W2	Pentachloropheno I (PCP) and its compounds	4 ug/l	Tidal flow proportional sample	0.36 ug/l (Q3) 0.39 ug/l (Q4)		24/10/2016 20:10 23/11/2016 11:30	
W2	Flow	500 l/second	Instantaneous	470.83 l/sec	MCERTS self monitoring of effluent flow scheme	13/12/2016	
W2	Maximum Tidal Volume	2500 m ³	Time period from high tide to low tide	1883 m ³	MCERTS self monitoring of effluent flow scheme	29/12/2016	
W2	Maximum Daily Volume	5000 m ³	24 hours	1883 m ³	MCERTS self monitoring of effluent flow scheme	29/12/2016	

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- (2) 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.
- (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 ...Jan Partridge.....
(Authorised to sign as representative of Kimberly – Clark Limited)

Date... 10/01/2017

Permit Number: BJ9703IM

Operator: Kimberly-Clark Limited

Facility: Flint Paper Mill

Form Number: Performance1

Reporting of other performance indicators for the period

1st January

to

31st December 2016

Parameter		
Total Energy Used	101,762	MWh
Water Usage	363,983	Tonnes
Chemical Oxygen Demand	0.9	kg/t
Total Suspended solids	0.497	kg/t
Total Nitrogen	0.0449	kg/t
Total Phosphorous	0.003	kg/t
AOx	0.0008	kg/t

Operator's comments :

Signed Jan Partridge
(Authorised to sign as representative of Kimberly – Clark Limited)

Date....10/01/2017

Send completed forms to north.wales.ppc@cyfoethnaturiolcymru.gov.uk