

RECEIVED

23 SEP 2014

0. Permit Number: BJ9703IM

Operator: Kimberly-Clark Limited

Facility: Flint Paper Mill

Form Number: Air1

Reporting of emissions to air for the period from

Jan14 to jun14

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	200 mg/m ³	Half hourly average	Plant No Longer Operating	BS EN 14792	Plant No Longer Operating	
A2	Particulates	No limit set	Minimum 4 hour sample	Plant No Longer Operating	BS EN 13284-1	Plant No Longer Operating	
A6	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³	Half hourly average	76.2 mg/m ³	BS EN 14792	16:05 – 17:04 on 27/05/14	+/- 4.5
A7	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	50 mg/m ³	Half hourly average	11.25 mg/m ³	BS EN 14792	12:59 -13:58 on 27/05/14	+/- 1.4
A7	Particulates	No limit set	Minimum 4 hour sample	0.77 mg/m ³	BS EN 13284-1	11:50 – 17:07 on 27/05/14	+/- 0.07
A15	Particulates	No limit Set	Minimum 4 hour sample	3.06mg/m ³	BS EN 13284-1	10:33 – 15:13 on 28/05/14	+/- 0.14

(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 ... Dave Reynolds
(Authorised to sign as representative of Kimberly-Clark Limited)

Date... 09/09/14.....

AUTHORISED RETURN ONLY

INITIALS DATE

CHECKED Vs AUTHORISATION

TRACKING

OK FOR PUBLICATION

WFO TO WFO'S REPORT

23-9-14

23-9-14

23-9-14

Permit Number: BJ9703IM

Facility: Flint Paper Mill

Operator:

Kimberly – Clark Limited

Form Number:

Water1 / 26/09/11

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

mar to jun 2014

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	70 mg/l	Tidal flow proportional sample	23.1 mg/l	EA NLS Lab Test Code 1 SX BOD or NM BOD – 5 day, 2 ATU – by automated DO probe.	8/6/2014 @ 20:52	
W2	Ammonia	8 mg/l	Tidal flow proportional sample	1.22 mg/l	SCA Blue Book 48. BS 6068-2.11, ISO 7150-1	20/5/14 @ 04:18	
W2	Chemical Oxygen Demand	No limit set	Spot sample	200 mg/l	Blue Book 215, BS ISO 15705:2002. BS 6068-2.34	5/6/14 @ 05:07	
W2	Suspended solids	80 mg/l	Tidal flow proportional sample	67 mg/l	BS EN 872:2005, SCA Blue Book 105	8/6/14 @ 20:52	
W2	Total Mercury and its compounds	0.1 ug/l	Tidal flow proportional sample	0.01 ug/l	EA NLS Lab Test Code 247	7/6/14 @ 19:40	
W2	Pentachloropheno I (PCP) and its compounds	4 ug/l	Tidal flow proportional sample	0.19 ug/l	EA NLS Lab Test Code 62	7/6/14 @ 19:40	
W2	Total Cadmium and its compounds	0.3ug/l	Tidal flow proportional sample	0.10 ug/l	EA NLS Lab Test Code 34	7/6/14 @ 19:40	
W2	pH	5 - 9	Instantaneous	7.45 – 8.03	BS EN 06068-2.50:1995	19/5/14 @ 05:02 3/5/14 @ 15:09	
W2	Dangerous Substance screen	No limit set	Tidal flow proportional sample	Not Required this Quarter	GC/MS analysis to be carried out by UKAS accredited laboratory	Annual test only (Q3)	
W2	Temperature	Maximum Temperature 30°C	Instantaneous	33.03°C	Standard temperature sensor	24/7/14 @ 22:35	
W2	Flow	500 l/second	Instantaneous	389.1 l/second	MCERTS self monitoring of effluent flow scheme	29/6/14 @ 01:33	

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
W2	Total Nitrogen	No limit set	Tidal flow proportional sample	3.93 mg/l	EA NLS Lab Test Code 387 SX Total Nitrogen or NM Nitrogen – digested, determined colorimetrically by auto analyser.	8/6/14 @ 20:52	
W2	Total Phosphorous	No limit set	Tidal flow proportional sample	0.281 mg/l	EA NLS Lab Test Code 234 SX Total Phosphorous or NM Total Phosphorous – digested, determined colorimetrically by auto analyser.	8/6/14 @ 20:52	
W2	AOx	No limit set	Tidal flow proportional sample	n/a	EA NLS Lab Test Code 1295	EA lab lost sample for quarter 2	
W2	Maximum Tidal Volume	3182 m ³	Time period from high tide to low tide	1871 m ³	MCERTS self monitoring of effluent flow scheme	11/5/14 @ 10:07	
W2	Maximum Daily Volume	6364 m ³	24 hours	1871 m ³	MCERTS self monitoring of effluent flow scheme	11/5/14	

(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 ... Dave Reynolds
(Authorised to sign as representative of Kimberly – Clark Limited)

Date 09/09/14

Permit Number: BJ9703IM

Operator: Kimberly-Clark Limited

Facility: Flint Paper Mill

Form Number: Performance1 / 26/09/11

Reporting of other performance indicators for the period

APR to JUNE 2014

Parameter	Units
BOD/ADT	0.099 kg/ADT
Suspended solids/ADT	0.426 kg/ADT
Total Nitrogen/ADT	0.041 kg/ADT
Total Phosphorous/ADT	0.002 kg/ADT
NOx /ADT	0.249 Tonnes/ADT
CO ₂ /ADT	0.506 Tonnes/ADT

Operator's comments :

NOx and CO2 calculated using H1 emission factors.

Signed ... Dave Reynolds.....

(Authorised to sign as representative of Kimberly – Clark Limited),

Date... 09/09/14.....

Send completed forms to ppc.northwales@environment-agency.gov.uk