

RECEIVED

10 JUL 2013

Operator: Kimberly-Clark Limited

0. Permit Number: BJ9703IM

Form Number: Air1

Facility: Flint Paper Mill

Reporting of emissions to air for the period from Jan 13 to June 13

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	70.3mg/m ³	BS EN 14792	15:14 – 15:44 on 29/5/13	+/- 12.2
A7	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	50 mg/m ³	Half hourly average	12.53mg/m ³	BS EN 14792	13:07 – 13:39 on 29/5/13	+/- 2.19
A7	Particulates	No limit set	Minimum 4 hour sample	0.47mg/m ³	BS EN 13284-1	10:29 – 15:50 on 29/5/13	+/- 0.12
A15	Particulates	No limit Set	Minimum 4 hour sample	0.67mg/m ³	BS EN 13284-1	10:51 – 16:00 on 30/5/13	+/- 0.15

(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 ... Andrew Linkman Date... 8/7/13
(Authorised to sign as representative of Kimberly- Clark Limited)

MONITORING RETURNS N. WALES

INITIALS DATE

CHECKED V6 AUTHORIZATION

TRACKING

OK FOR PUBLIC REGISTER

TYPE REPORTS (REG-001)

AS 10-7-13

JB 10-7-13

AS 10-7-13

JB 10-7-13

Permit Number: BJ9703IM

Operator:

Kimberly – Clark Limited

Facility:

Flint Paper Mill

Form Number:

Water1 / 26/09/11

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

April

to

June 2013

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	53 mg/l	EA NLS Lab Test Code 1 SX BOD or NM BOD – 5 day, 2 ATU – by automated DO probe.	7/5/13@22:41	
W2	Ammonia	8 mg/l	Tidal flow proportional sample	0.47 mg/l	SCA Blue Book 48. BS 6068-2.11, ISO 7150-1	4/6/13@09:23	
W2	Chemical Oxygen Demand	No limit set	Spot sample	298 mg/l	Blue Book 215, BS ISO 15705:2002. BS 6068-2.34	14/4/13@01:58	
W2	Suspended solids	80 mg/l	Tidal flow proportional sample	130 mg/l	BS EN 872:2005, SCA Blue Book 105	1/4/13@01:58	
W2	Total Mercury and its compounds	0.1 ug/l	Tidal flow proportional sample	Below limit of detection (<0.02ug/l)	EA NLS Lab Test Code 247	11/6/13@01:53	
W2	Pentachloropheno l (PCP) and its compounds	4 ug/l	Tidal flow proportional sample	0.26 ug/l	EA NLS Lab Test Code 62	11/6/13@01:53	
W2	Total Cadmium and its compounds	0.3ug/l	Tidal flow proportional sample	Below limit of detection (<0.1 ug/l)	EA NLS Lab Test Code 34	11/6/13@01:53	
W2	pH	5 - 9	Instantaneous	7.15 – 7.80	BS EN 06068-2.50:1995	21/4/13@20:57 – 28/6/13@03:52	
W2	Dangerous Substance screen	No limit set	Tidal flow proportional sample	NA	GC/MS analysis to be carried out by UKAS accredited laboratory	Test to be carried out July for report Sept	
W2	Temperature	Maximum Temperature 30°C	Instantaneous	33°C	Standard temperature sensor	5/7/13@23:54	
W2	Flow	500 l/second	Instantaneous	435 l/second	MCERTS self monitoring of effluent flow scheme	21/6/13@23:49	

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	4.47 mg/l	EA NLS Lab Test Code 387 SX Total Nitrogen or NM Nitrogen – digested, determined colorimetrically by auto analyser.	30/5/13@03:32	
W2	Total Phosphorous	No limit set	Tidal flow proportional sample	0.831 mg/l	EA NLS Lab Test Code 234 SX Total Phosphorous or NM Total Phosphorous – digested, determined colorimetrically by auto analyser.	7/5/13@22:41	
W2	AOx	No limit set	Tidal flow proportional sample	41ug/l	EA NLS Lab Test Code 1295	11/6/13@1:53	
W2	Maximum Tidal Volume	3182 m ³	Time period from high tide to low tide	2293 m ³	MCERTS self monitoring of effluent flow scheme	6/6/13@23:32	
W2	Maximum Daily Volume	6364 m ³	24 hours	3712 m ³	MCERTS self monitoring of effluent flow scheme	13/4/13	

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(4) The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

SignedAndrew Linkman..... Date...8/7/13.....
(Authorised to sign as representative of Kimberly – Clark Limited)

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 April to June 2013

Parameter	Units
BOD/ADT	0.3401
Suspended solids/ADT	0.8393
Total Nitrogen/ADT	0.0433
Total Phosphorous/ADT	0.0047
NOx /ADT	0.243
CO ₂ /ADT	0.491

Operator's comments :

NOx and CO₂ calculated using H1 emission factors.

SignedAndrew Linkman.....
(Authorised to sign as representative of Kimberly – Clark Limited)

Date... 8/7/13.....

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

Bradford, Julie

From: PPC, North Wales
Sent: 10 July 2013 12:14
To: North-wales-ppc
Subject: FW: EPR BJ9703IM - Quarterly Air, Water and Performance Parameters reporting
Attachments: Air 1 Water 1 Performance 1 Q2 2013.docx

From: Linkman, Andrew
Sent: 10 July 2013 12:13:49 (UTC) Dublin, Edinburgh, Lisbon, London
To: PPC, North Wales; Alison Soper (Alison.Soper@cyfoethnaturiolcymru.gov.uk)
Subject: EPR BJ9703IM - Quarterly Air, Water and Performance Parameters reporting

Please find attached the EPR BJ9703IM - Quarterly Air, Water and Performance Parameters reporting submission.

Sent to:

Alison Soper (Alison.Soper@cyfoethnaturiolcymru.gov.uk)
ppc.northwales@environment-agency.gov.uk

Regards

Andy Linkman CMIOSH

Safety and Environmental Coordinator

*The condition of a work area and the Safety and Environmental standards of the employees is a reflection of the leader.
Change starts with the Leader-So what standard do you set when you go on the floor?*

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