

UPM-Kymmene (UK)

Memo
External
9th May 2014
KOS



1 (1)

Month End Report

UPM-Kymmene (UK)

Permit Reference PP3936SQ
Installation Shotton Paper

To Alison Soper
Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

Fax - 01244 548805
Email north.wales.ppc@naturalresourceswales.gov.uk

Please find enclosed graphs / reports for Continuously Monitored Emissions to Air A2 to A8 for the period ending 31st May 2014.

During the period there were no exceedances to report.

You will note that on 28th and 31st May there are a number of 1/2 half hour periods when the CO limit was exceeded. These occurred whilst solid fuel was not being supplied to the boiler as a result of equipment failures, details as follows

- 28th May – Lost power supply to fuel feeding equipment, Boiler remained on line using gas only
- 31st May – Boiler tripped due to failure of a DCS card giving feedwater pump speed indication, caused loss of drum level

If you require any further information please let me know

Best Regards

Kevin Smith
Utilities Manager
UPM (UK) Shotton

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Fax +44 (0) 1244285393
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CONTINUING RETURNS N. WALES

CHECKED Vs AUTHORISATION

TRACKING

OK FOR PUBLIC REGISTER

TYPE TO IT'S SOURCE

INITIALS DATE

AS	15-9-14
JB	12-9-14
AS	15-9-14
JB	EDRM

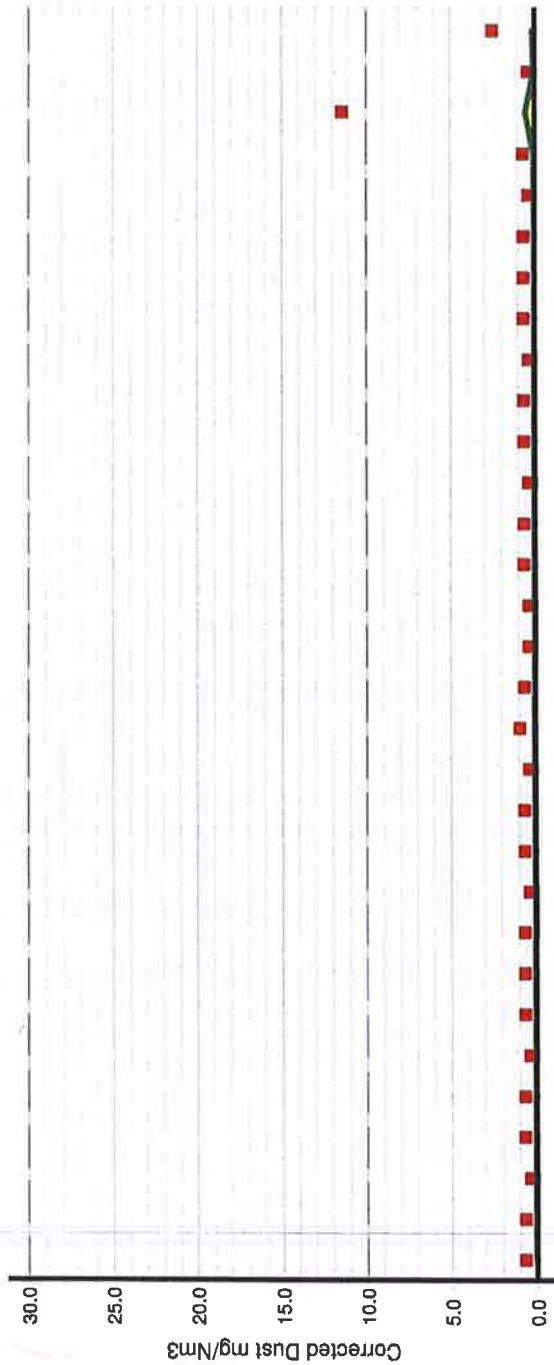
Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ /A2 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Particulates Emission Point A20 for the month of May 2014

Daily and 30 min Average monitoring

- 30 min average ELV1
- Maximum 30 min average
- Mean 30 min average
- Minimum 30 min average
- Daily average ELV1
- Daily average



Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
30 min Average	Monthly maximum	30 min average ELV1	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	Monthly mean	Maximum 30 min average	0.5	0.7	0.4	0.7	0.6	0.4	0.7	0.7	0.7	0.4	0.7	0.4	0.9	0.7	0.4	0.7	0.4	0.4	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.7	0.4	0.7	11.4	0.4	2.5
	Monthly minimum	Mean 30 min average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.1
	Total invalid results	Minimum 30 min average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24 hour Average	Total exceedances	No. invalid averages	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Monthly maximum	No. exceedances ELV1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	No. invalid days	Daily average ELV1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	ELV1 exceedances	Value valid?	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y
		Value exceeds ELV1?	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

8/9/14

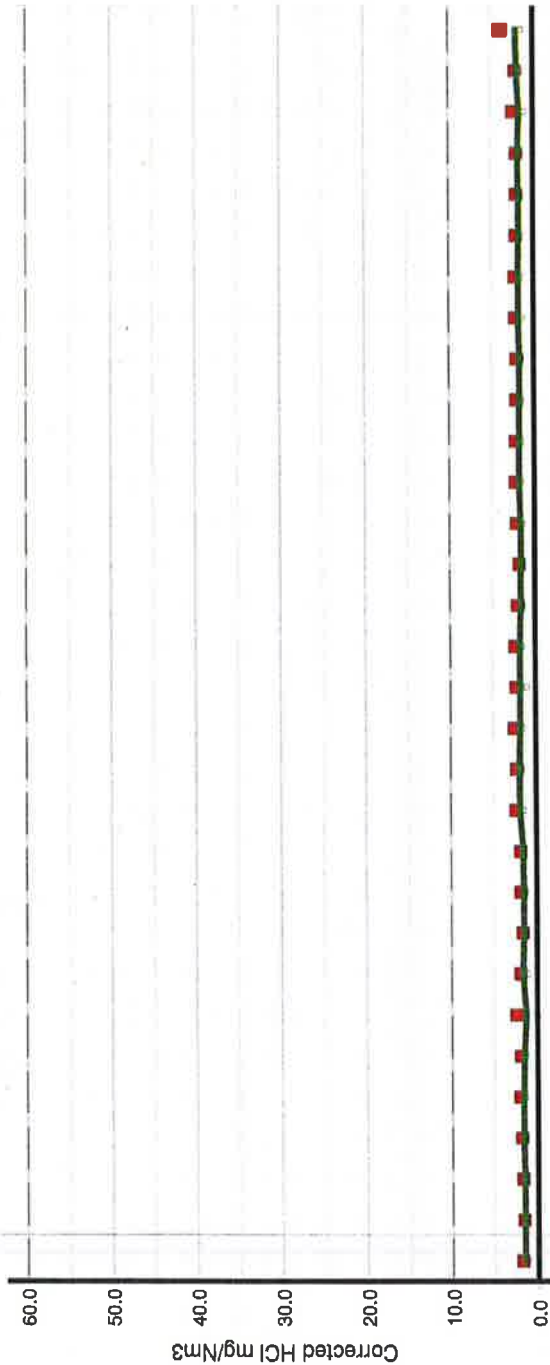
Signed (Authorised to sign as representative of Operator)

Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ /A3 /Form Dated May 06

Daily and 30 min

Average monitoring

- 30 min average ELV1
 Maximum 30 min average
 Mean 30 min average
 Minimum 30 min average
 Daily average ELV1
 Daily average

[illegible]

Signed
(Authorised to sign as representative of Operator)
Date 09/01/18

8/9/14

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

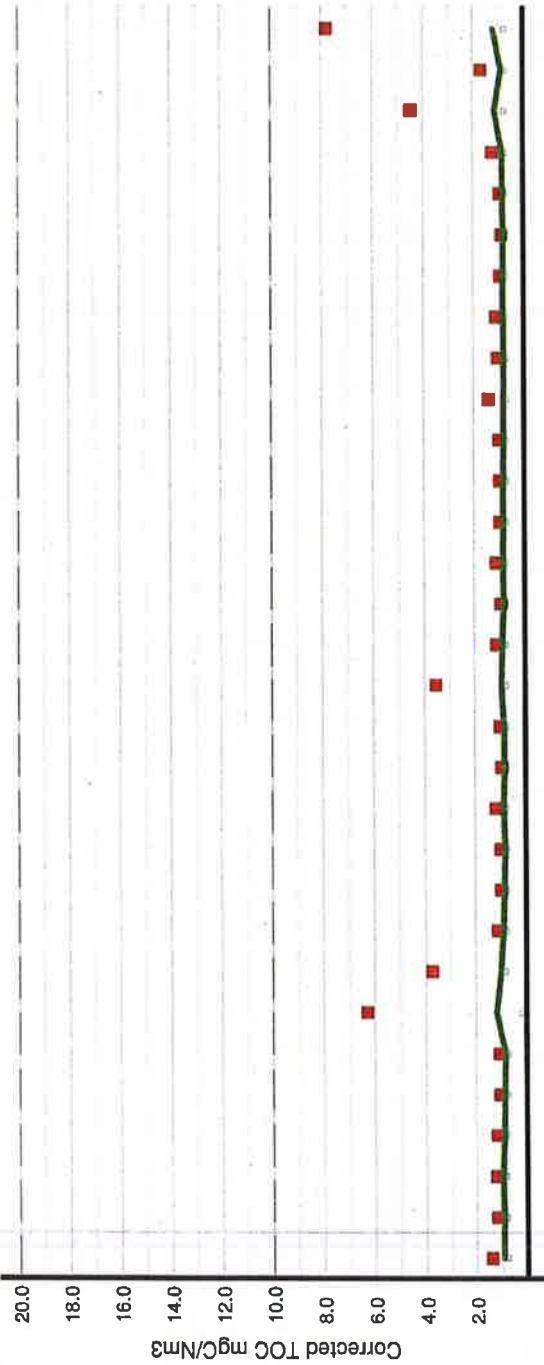
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ /A4 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for TOC Emission Point A20 for the month of May 2014

Daily and 30 min

Average monitoring

- 30 min average ELV1
- Maximum 30 min average
- Mean 30 min average
- Minimum 30 min average
- Daily average ELV1
- Daily average



Monthly summary		Date	
Monthly maximum	7.8	30 min average ELV1	20
Monthly mean	0.9	Maximum 30 min average	1.4
Monthly minimum	0.2	Mean 30 min average	0.9
Total invalid results	0	Minimum 30 min average	0.8
Total exceedances	0	No. invalid averages	0
		No. exceedances ELV1	0
Monthly maximum	1.2	Daily average ELV1	10
No. invalid days	0	Daily average	0.9
ELV1 exceedances	0	Value valid?	y
		Value exceeds ELV1?	n

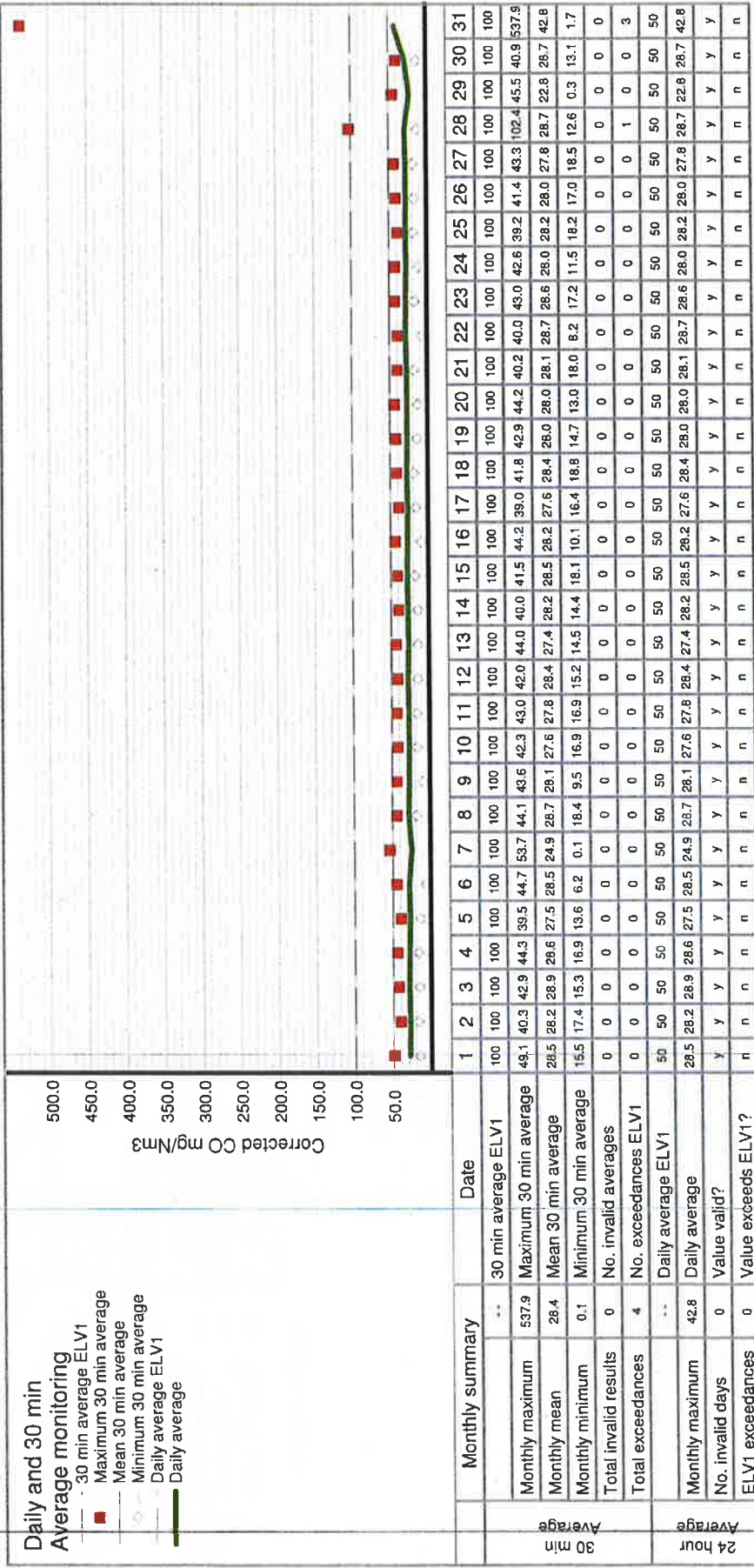
8/9/14
Date

Signed
(Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ /A5 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide Emission Point A20 for the month of May 2014



Signed  (Authorised to sign as representative of Operator)

Date 8/9/14

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

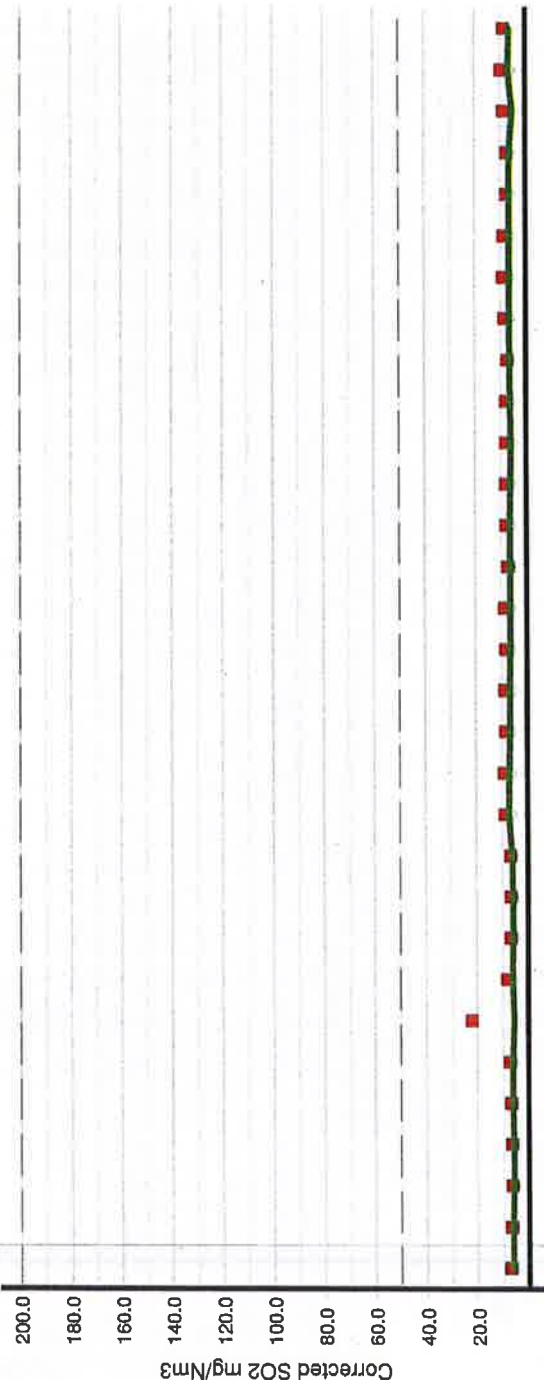
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A6 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emission Point A20 for the month of May 2014

Daily and 30 min

Average monitoring

- 30 min average ELV1
- Maximum 30 min average
- Mean 30 min average
- Minimum 30 min average
- Daily average ELV1
- Daily average



Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
30 min	Average	30 min average ELV1	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	Maximum	Maximum 30 min average	7.1	6.8	6.4	6.5	6.9	7.3	22.2	8.2	6.7	6.6	6.8	8.9	9.1	8.7	8.8	8.5	8.7	7.4	8.1	8.2	8.1	8.1	7.5	8.6	9.1	8.8	7.8	7.6	8.8	9.9	8.7
	Mean	Mean 30 min average	6.0	6.2	5.9	5.9	6.3	6.2	5.5	6.1	5.9	5.9	6.2	7.3	7.1	6.8	6.8	6.6	6.5	6.5	6.5	6.3	6.0	6.3	6.4	6.6	6.5	6.8	6.5	6.4	5.2	6.8	6.4
	Minimum	Minimum 30 min average	5.1	5.8	5.5	5.4	5.7	5.6	0.1	5.6	5.1	5.4	5.5	5.8	5.8	5.9	5.2	5.8	5.8	6.2	5.8	5.5	5.2	5.7	5.8	5.8	5.9	5.7	5.8	5.8	1.3	5.6	1.3
	Total invalid results	No. invalid averages	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 hour	Average	No. exceedances ELV1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Maximum	Daily average ELV1	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	No. invalid days	Daily average	6.0	6.2	5.9	5.9	6.3	6.2	5.5	6.1	5.9	5.9	6.2	7.3	7.1	6.8	6.8	6.6	6.5	6.5	6.5	6.3	6.0	6.3	6.4	6.6	6.5	6.6	6.5	6.4	5.2	6.8	6.4
	Value valid?	Value valid?	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y
	Value exceeds ELV1?	Value exceeds ELV1?	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n

Signed  Date 3/9/14

(Authorised to sign as representative of Operator)

Permit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

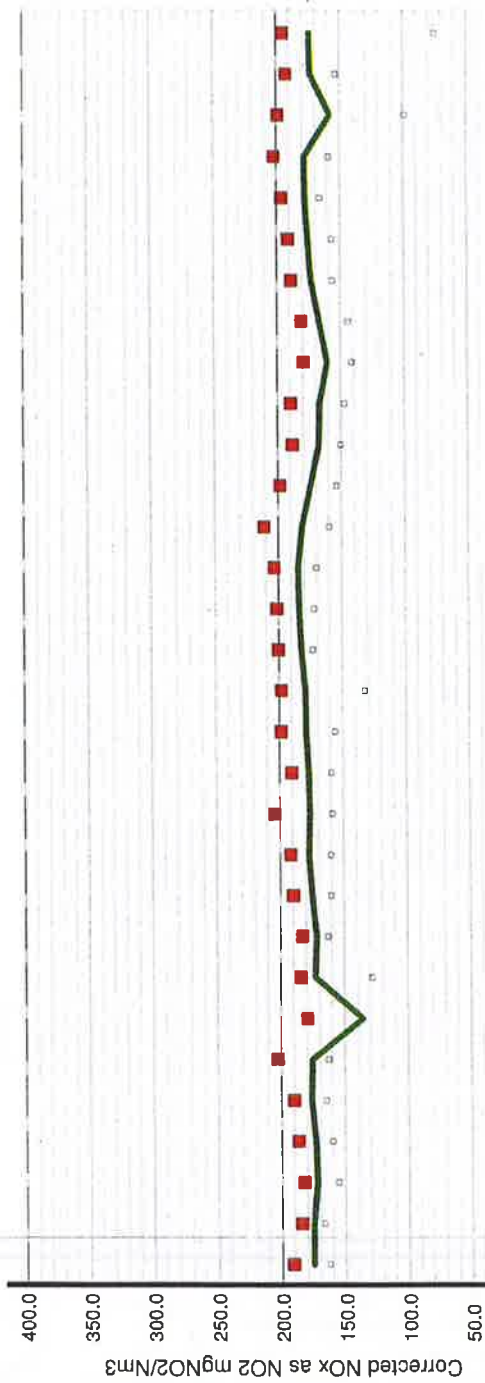
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ /A7 /Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen Emission Point A20 for the month of May 2014

Daily and 30 min

Average monitoring

- 30 min average ELV1
- Maximum 30 min average
- Mean 30 min average
- Minimum 30 min average
- Daily average ELV1
- Daily average



Monthly summary		Date																															
30 min average ELV1		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Monthly maximum	211.1	191.2	184.5	182.6	186.7	190.0	202.7	179.6	184.5	183.1	189.9	191.7	204.0	190.6	198.5	198.3	200.4	201.4	203.3	211.1	198.3	188.4	189.6	179.7	181.2	199.0	191.2	196.3	202.2	198.9	192.7	195.0	
Monthly mean	173.4	175.1	175.1	172.3	173.2	176.6	175.7	135.8	173.2	172.0	175.2	177.5	176.5	177.3	179.3	179.6	182.7	183.9	184.6	181.4	174.4	167.8	167.1	161.1	167.1	173.4	175.8	177.8	178.0	158.0	173.2	174.1	
Monthly minimum	0.7	162.9	166.9	155.5	160.1	165.1	163.0	0.7	128.2	182.8	160.1	160.0	158.8	159.3	156.3	132.8	173.2	172.4	170.3	160.1	153.9	150.4	147.3	141.6	144.1	156.5	156.6	166.3	159.5	99.2	153.3	74.8	
Total invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Daily average ELV1		200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	
Monthly maximum	184.6	175.1	175.1	172.3	173.2	176.6	175.7	135.8	173.2	172.0	175.2	177.5	176.5	177.3	179.3	179.6	182.7	183.9	184.6	181.4	174.4	167.8	167.1	161.1	167.1	173.4	175.8	177.8	178.0	158.0	173.2	174.1	
No. invalid days	0	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
ELV1 exceeds ELV1?	0	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	

Date: 2/9/14

Signed: [Signature]

(Authorised to sign as representative of Operator)

Emit Reference Number: PP3936SQ
Installation: Shotton Paper Mill

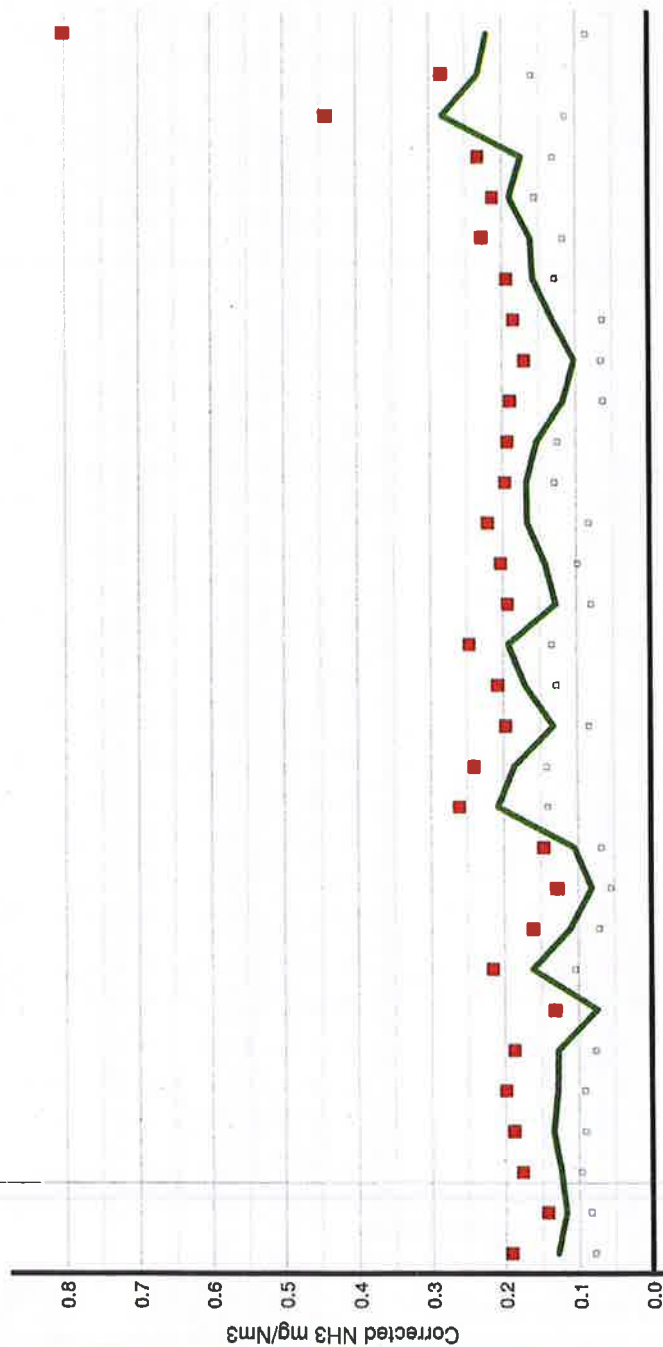
Operator: UPM-Kymmene (UK) Ltd
Form Number: Agency Form / PP3936SQ / A8 / Form Dated May 06

Reporting of Continuously Monitored Emissions to Air for Ammonia Emission Point A20 for the month of May 2014

Daily and 30 min

Average monitoring

Maximum 30 min average
Mean 30 min average
Minimum 30 min average
Daily average



Monthly summary		Date																															
30 min average	Monthly maximum	0.8	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Monthly mean	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Monthly minimum	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Total invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 hour average	Monthly maximum	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	No. invalid days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Signed  (Authorised to sign as representative of Operator)

Date 8/9/14

Bradford, Julie

RECEIVED

08 SEP 2014

From: kevin.o.smith@upm.com
Sent: 08 September 2014 15:41
To: North Wales PPC
Cc: peter.walmsley@upm.com; terry.moore@upm.com; andrew.bronnert@upm.com
Subject: CEMs Report May PP3936SQ
Attachments: NRW Report May 2014 V2.pdf

During a recent site visit it was identified and reported under CAR 140811 report ID BT4885IT/0212218 that the May 2014 CEMs report had 2 HCL reports and no SO2 report

Please find attached the updated CEMs report for that month with the correct data

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