

Month End Report

UPM-Kymmene (UK)

Permit Reference PP3936SQ
Installation Shotton Paper

To
Matthew Kelk
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 30th June 2017.

During the period there have not been any reportable exceedances or non conformances to report

If you require any further information or clarification please let me know

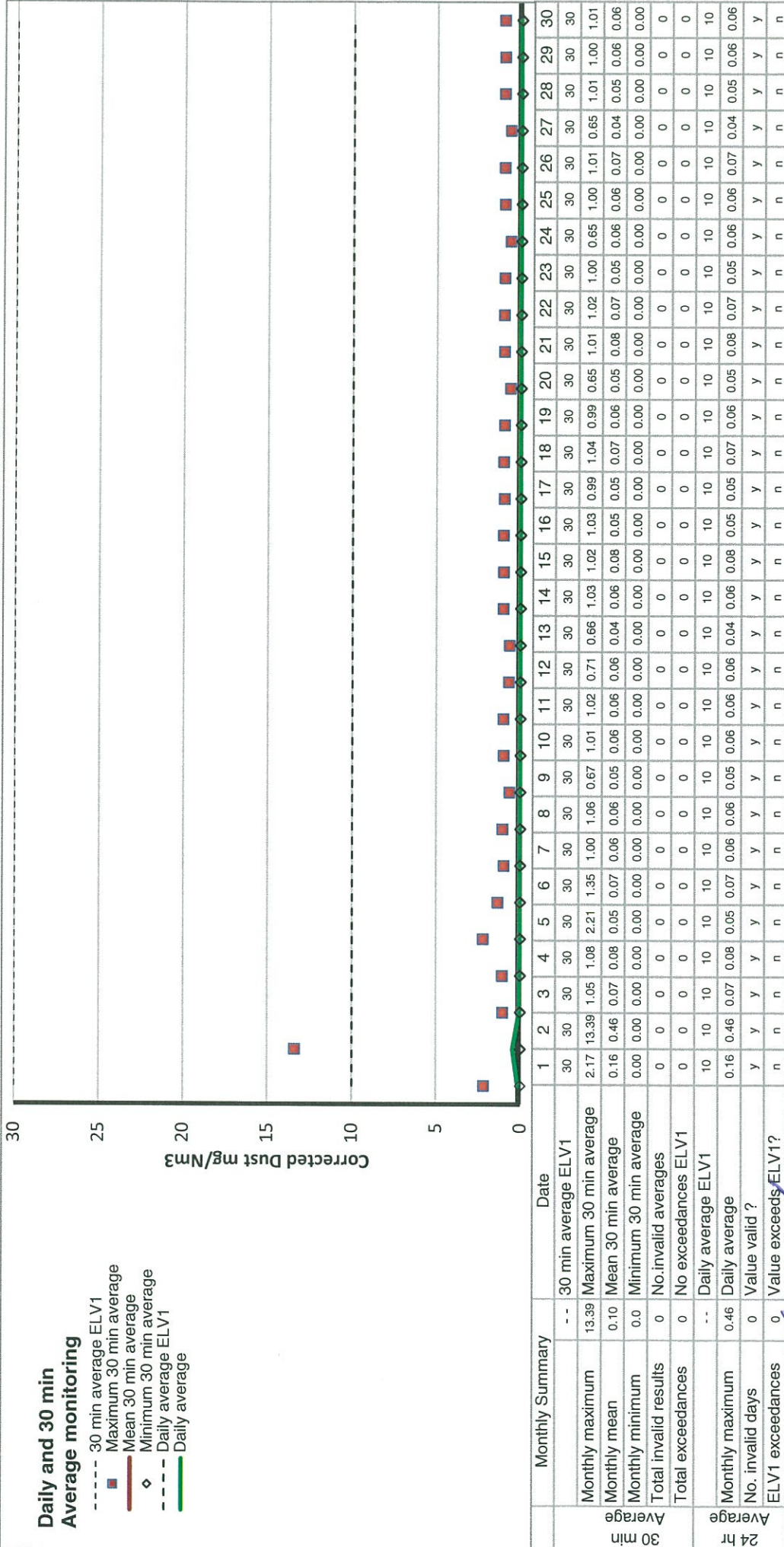
Best Regards



Kevin Smith
Utilities Manager
UPM (UK) Shotton

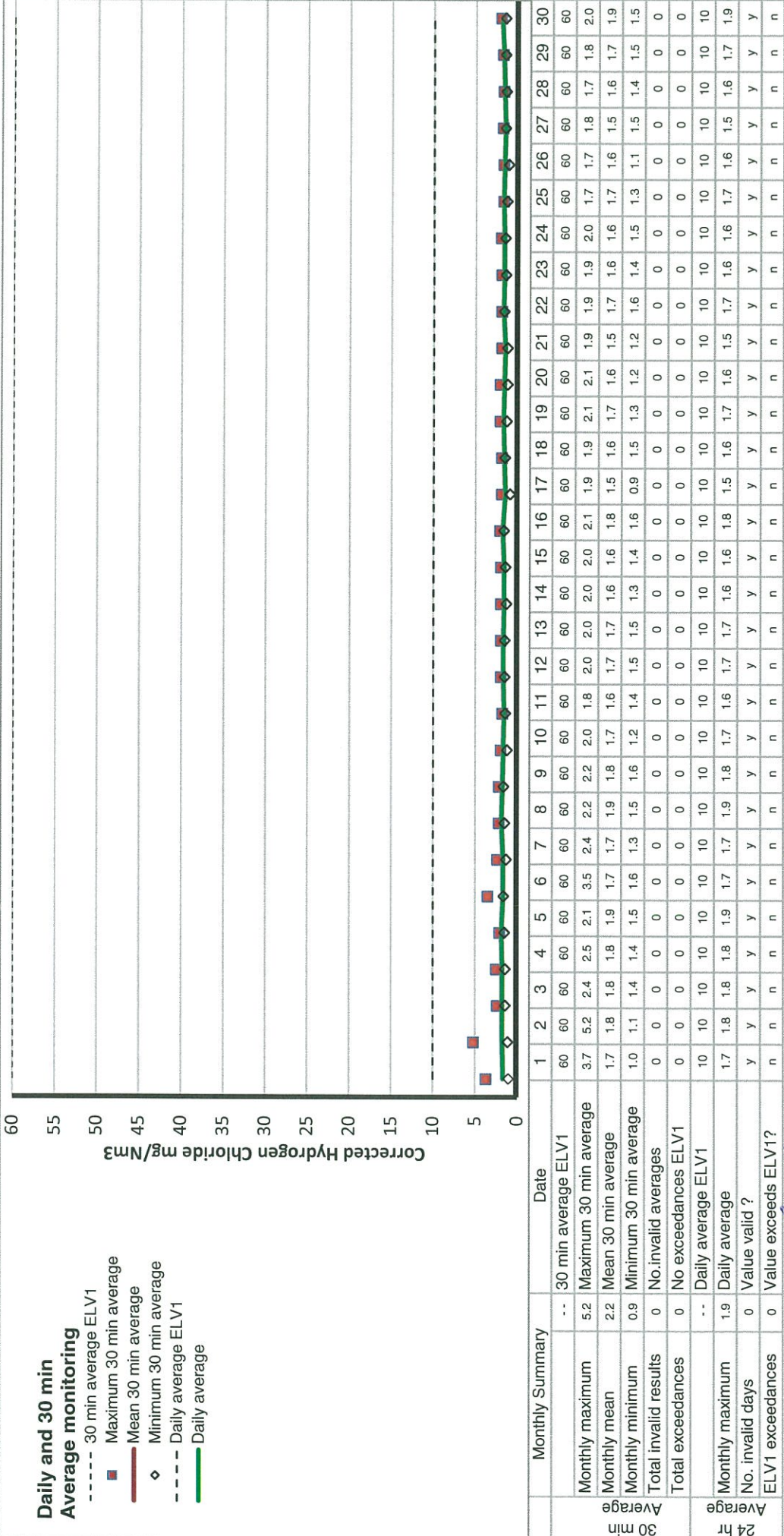
Office +44 (0) 1244284393
Mobile +44 (0) 7736497124

Reporting of Continuously Monitored Emissions to Air for Particulates Emission Point A20 for the month of June 2017



Signed Date 14/8/17
(Authorised to sign as representative of Operator)

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride Emission for the month of June 2017

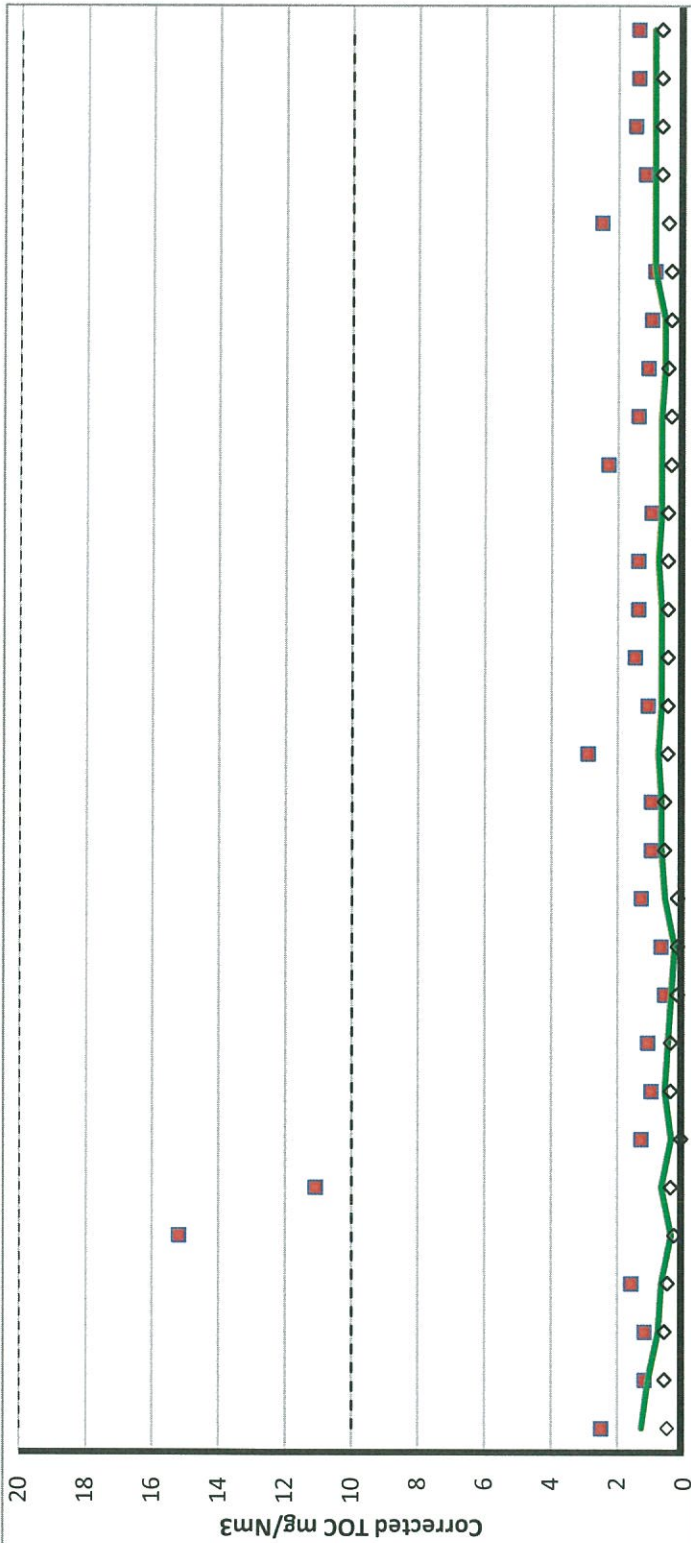


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(Authorised to sign as representative of Operator)

Reporting of Continuously Monitored Emissions to Air for TOC Emission Point A20 for the month of June 2017

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

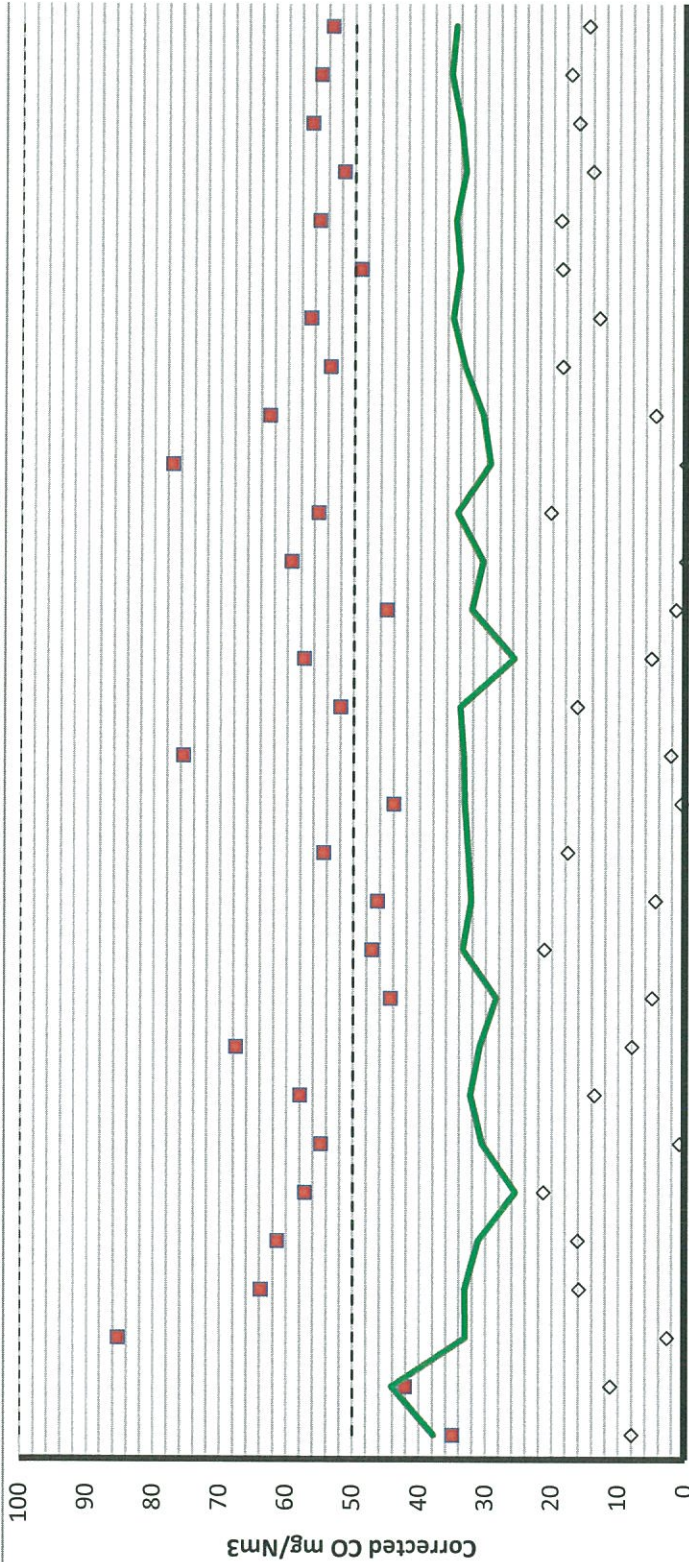


30 min Average	Monthly Summary		Date	
	30 min average ELV1	30 min average ELV1	20	20
Monthly maximum	15.2	Maximum 30 min average	2.5	1.2
Monthly mean	2.2	Mean 30 min average	1.3	1.1
Monthly minimum	0.1	Minimum 30 min average	0.5	0.6
Total invalid results	0	No invalid averages	0	0
Total exceedances	0	No exceedances ELV1	0	0
24 hr Average	--	Daily average ELV1	10	10
	1.3	Daily average	1.3	1.1
	0	Value valid ?	y	y
	0	Value exceeds ELV1?	n	n

Signed
(Authorised to sign as representative of Operator)

Date 14/8/17

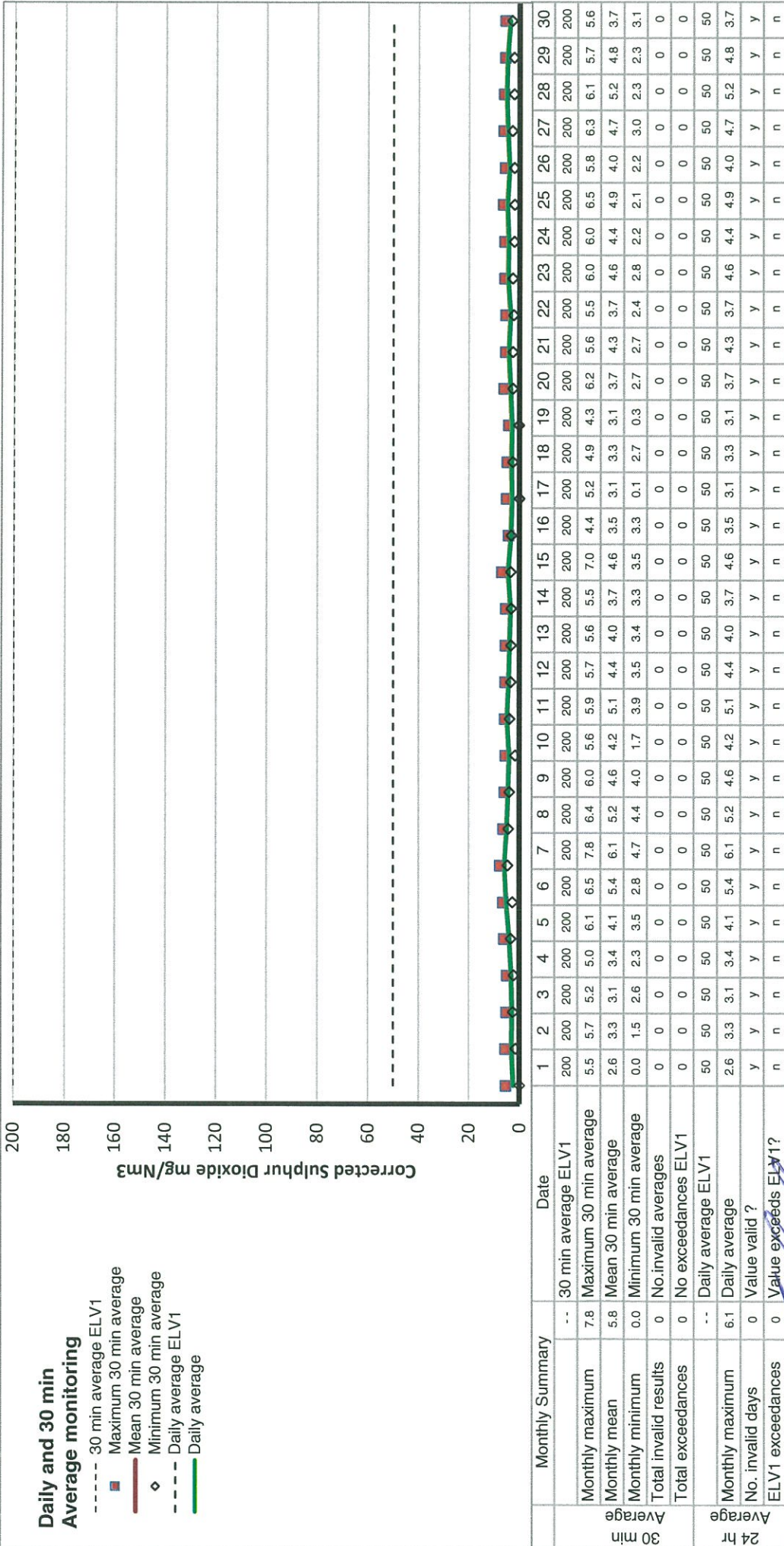
Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide Emission Point A20 for the month of June 2017



	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
			--																															
Average 30 min	Monthly maximum	85.3	Maximum 30 min average	35.0	42.1	85.3	63.8	61.4	57.2	54.8	58.0	67.6	44.4	47.2	46.4	54.5	44.0	75.6	52.0	57.5	45.1	59.4	55.4	77.3	62.7	53.6	56.6	49.0	55.3	51.6	56.4	55.1	53.4	
	Monthly mean	33.3	Mean 30 min average	37.9	44.2	33.1	33.2	31.2	25.6	30.6	32.4	31.0	28.5	33.6	32.3	32.8	33.3	33.5	34.0	25.9	32.3	30.6	34.5	29.5	30.6	33.4	35.2	34.1	34.8	33.3	34.0	35.5	34.8	
	Monthly minimum	0.0	Minimum 30 min average	8.0	11.2	2.7	15.9	16.1	21.3	0.8	13.6	8.0	5.0	21.2	4.5	17.7	0.6	2.2	16.3	5.2	1.5	0.0	20.3	0.0	4.6	18.6	13.1	18.7	18.9	14.1	16.2	17.4	14.7	
	Total invalid results	0	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	
Average 24 hr	Total exceedances	0	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	
	Daily average	--	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	
	Monthly maximum	44.2	Daily average	37.9	44.2	33.1	33.2	31.2	25.6	30.6	32.4	31.0	28.5	33.6	32.3	32.8	33.3	33.5	34.0	25.9	32.3	30.6	34.5	29.5	30.6	33.4	35.2	34.1	34.8	33.3	34.0	35.5	34.8	
	No. invalid days	0	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	
	ELV1 exceedances	0	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	

Signed:  Date: 14/8/17
(Authorised to sign as representative of Operator)

Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emission Point A20 for the month of June 2017



Signed Date 16/8/17

(Authorised to sign as representative of Operator)

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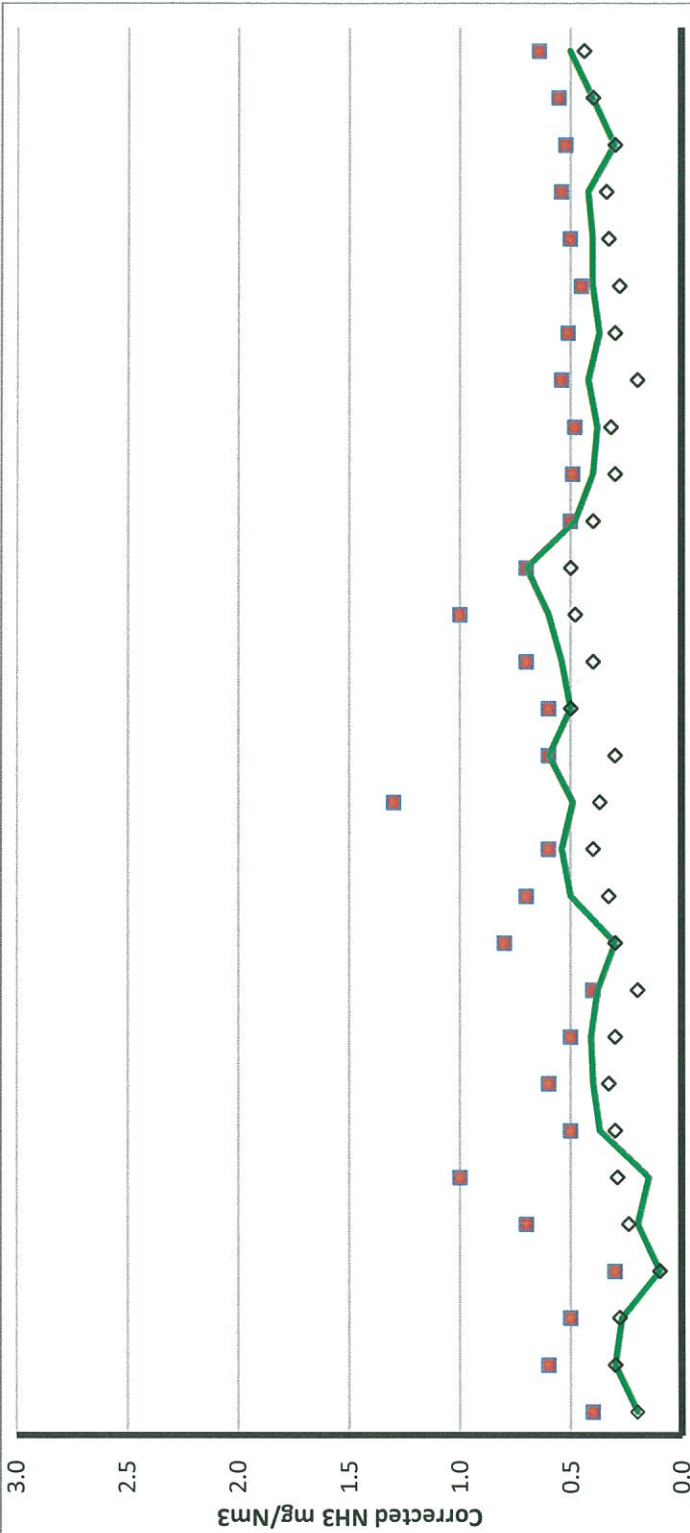
Signed
(Authorised to sign as representative of Operator)

Date 14/8/17

Reporting of Continuously Monitored Emissions to Air for Ammonia Emission Point A20 for the month of June 2017

Daily and 30 min
Average monitoring

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



24 hr 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
	Monthly maximum	1.3	Maximum 30 min average	0.4																														
30 min Average	Monthly mean	0.6	Mean 30 min average	0.2	0.3	0.3	0.1	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.5	
	Monthly minimum	0.1	Minimum 30 min average	0.2	0.3	0.3	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.4	0.3	0.5	0.4	0.5	0.5	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.4	0.4	
24 hr Average	Total invalid results	0	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	
	Monthly maximum	0.7	Daily average	0.2	0.3	0.3	0.1	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.5	
24 hr Average	No. invalid days	0	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	

Signed
(Authorised to sign as representative of Operator)

Date: 14/8/10