

Month End Report

UPM-Kymmene (UK)

Permit Reference PP3936SQ
Installation Shotton Paper

To
Matthew Kelk
Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

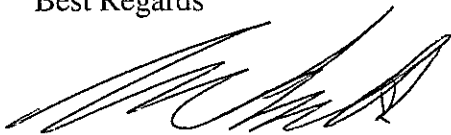
Fax - 01244 548805
Email north.wales.ppc@naturalresourceswales.gov.uk

Please find enclosed graphs / reports for Continuously Monitored Emissions to Air A2 to A8 for the period ending 30th November 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

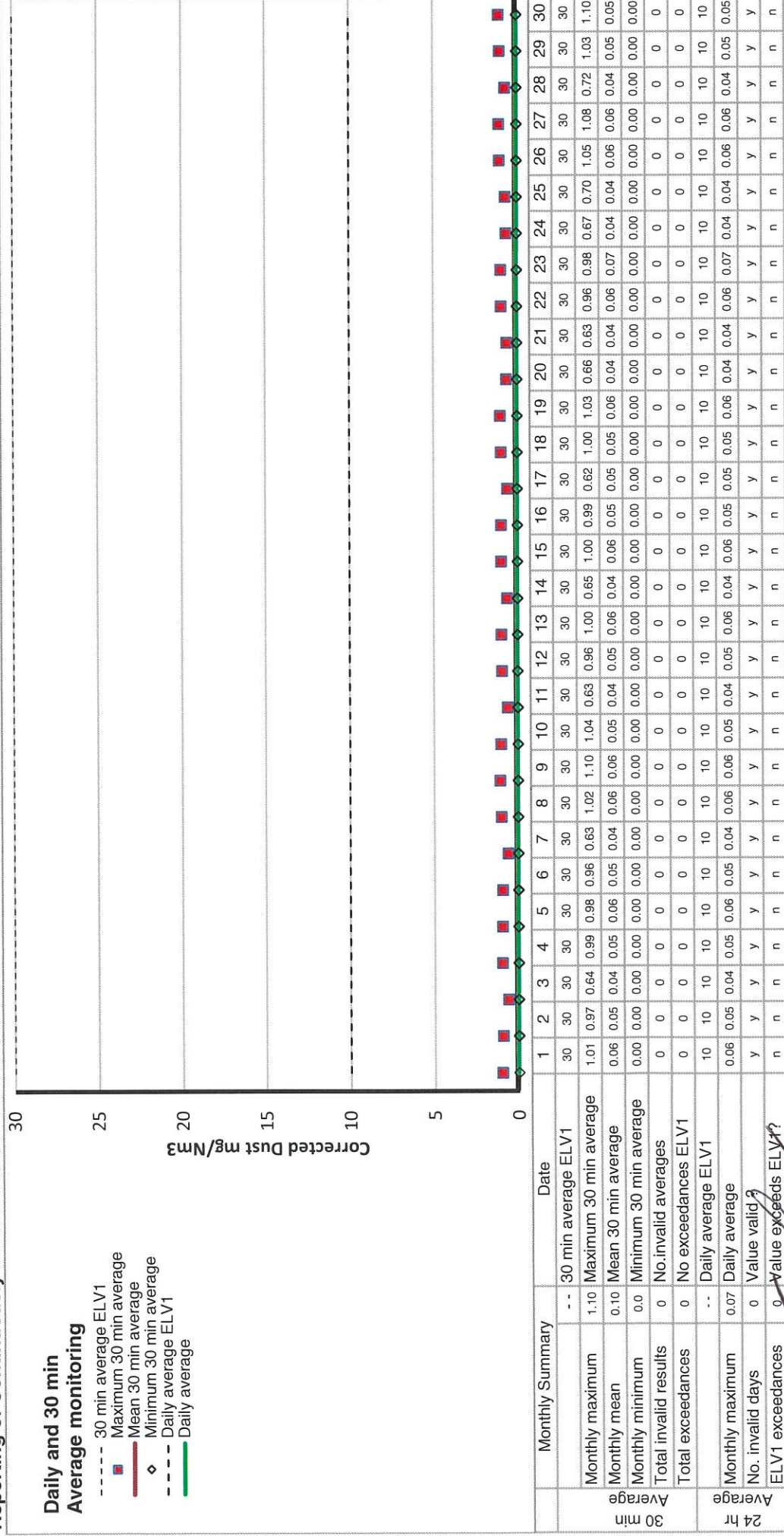
Best Regards



Kevin Smith
Utilities Manager
UPM (UK) Shotton

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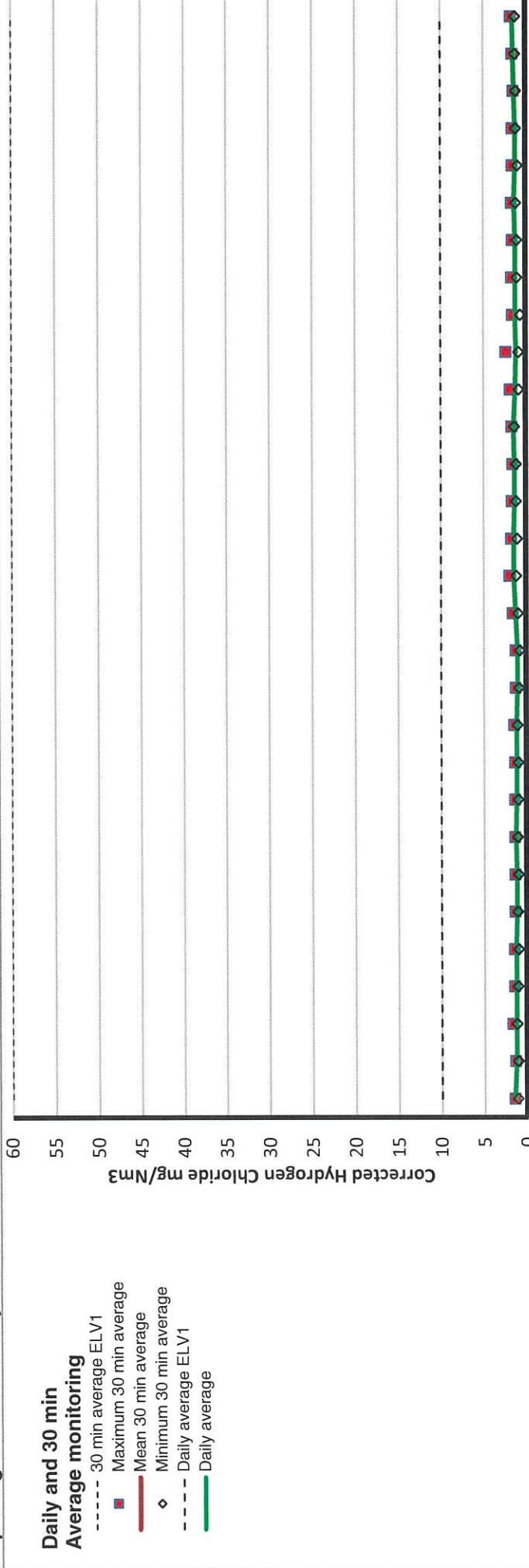
Reporting of Continuously Monitored Emissions to Air for Particulates Emission Point A20 for the month of November 2017



Signed
(Authorised to sign as representative of Operator)

Date: 20/11/18

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

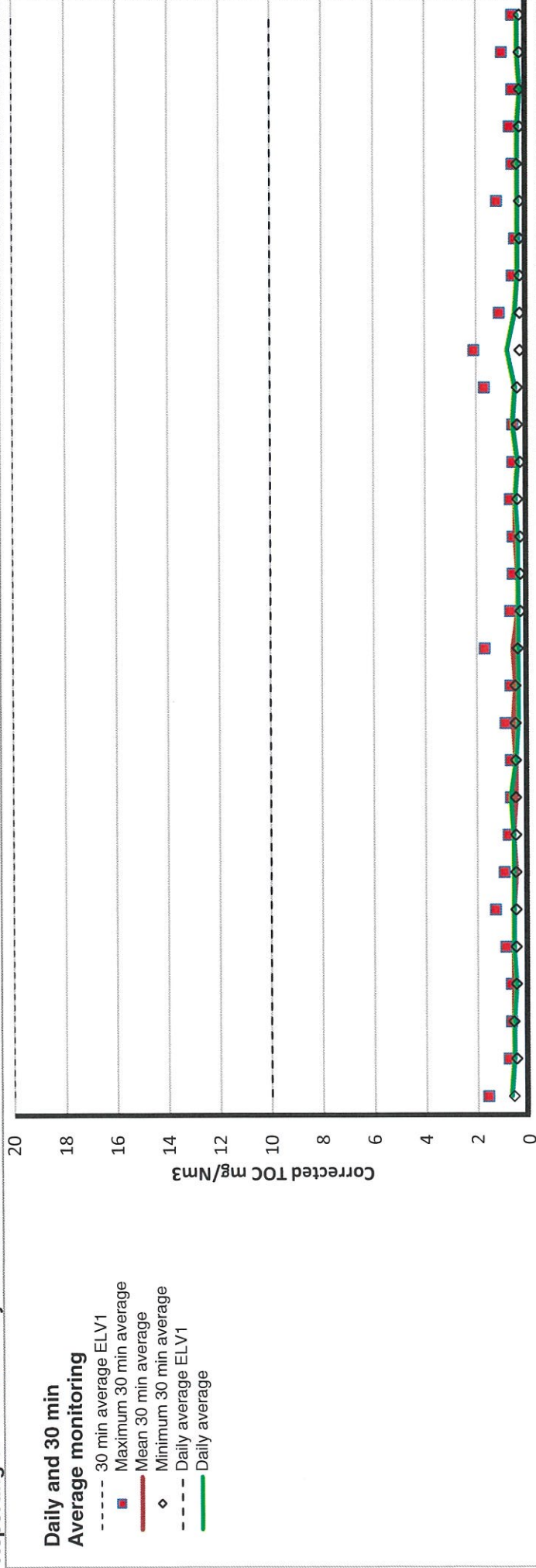


	Monthly Summary	Date																															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
30 min Average		-- 30 min average ELV1	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	Monthly maximum	2.4 Maximum 30 min average	1.5	1.4	1.7	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.3	1.3	1.6	2.0	1.8	1.7	1.6	1.7	1.9	2.4	1.6	1.6	1.7	1.6	1.7	1.6	1.6	1.5	1.6	1.8	
	Monthly mean	1.6 Mean 30 min average	1.5	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.3	1.5	1.5	1.4	1.4	1.5	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.4	1.5	1.6	
	Monthly minimum	0.7 Minimum 30 min average	1.1	1.1	1.2	1.1	1.0	1.1	1.0	1.1	1.0	1.1	0.9	0.8	1.0	1.2	1.1	1.2	1.2	1.4	0.9	0.9	0.7	1.1	1.1	1.2	1.0	1.2	1.2	1.3	1.3	1.3	
	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	
24 hr Average	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 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
	Monthly maximum	1.6 Daily average	1.5	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.1	1.1	1.3	1.5	1.5	1.4	1.4	1.5	1.3	1.2	1.3	1.3	1.3	1.4	1.3	1.3	1.4	1.5	1.6	
	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 exceeds	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	n

Signed Date: 20/11/17

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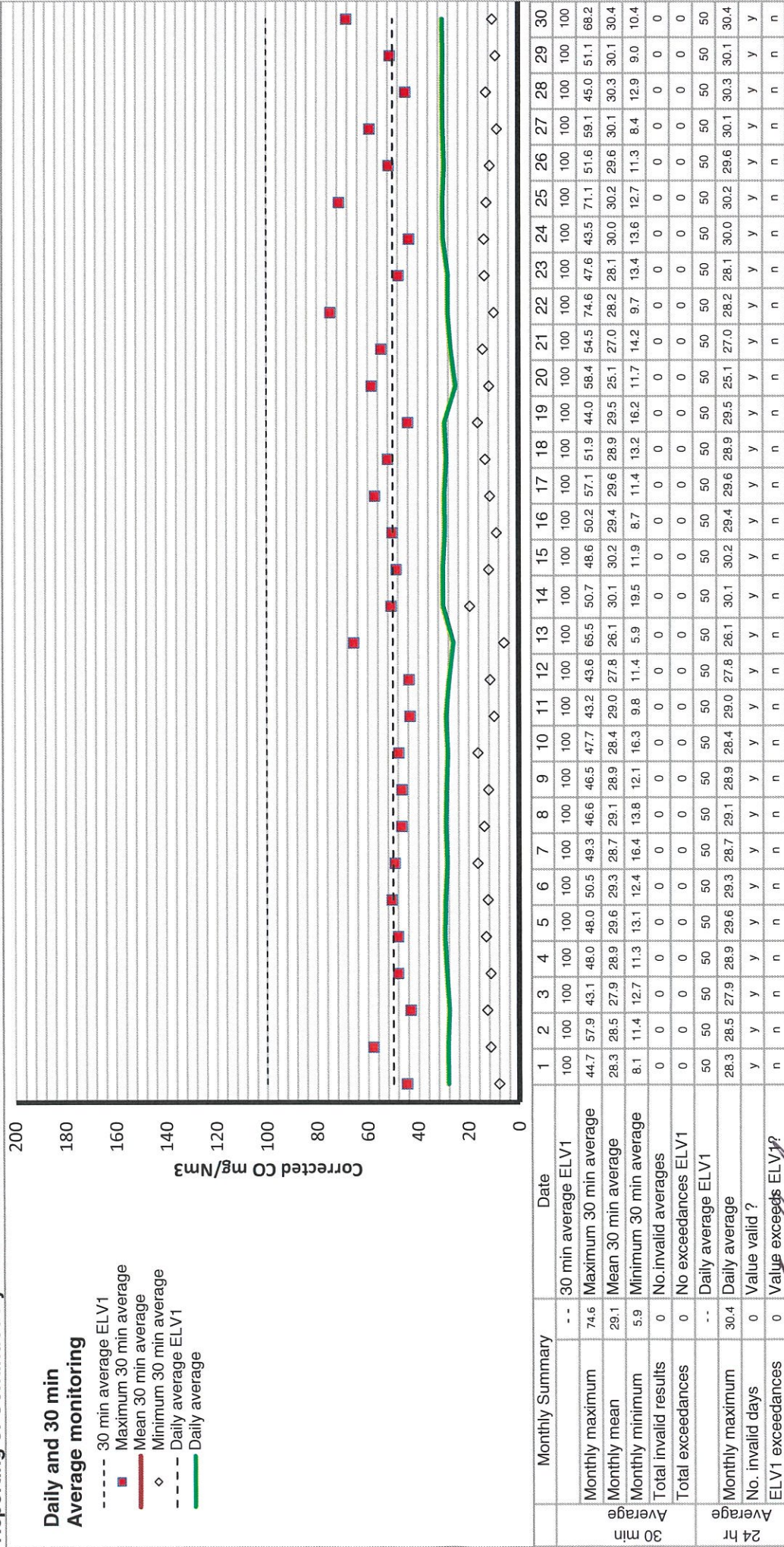
Reporting of Continuously Monitored Emissions to Air for TOC Emission Point A20 for the month of November 2017



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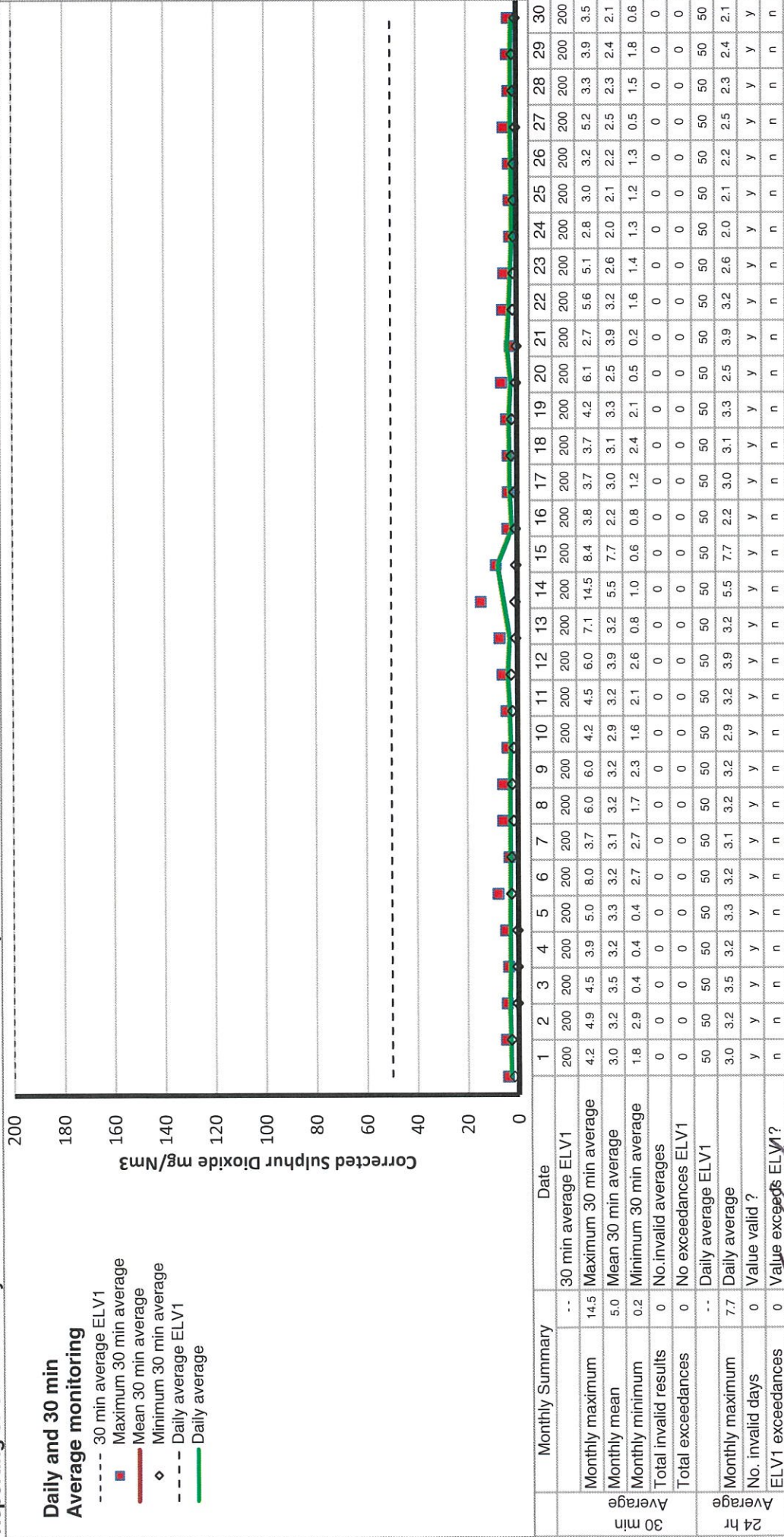
Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide Emission Point A20 for the month of November 2017



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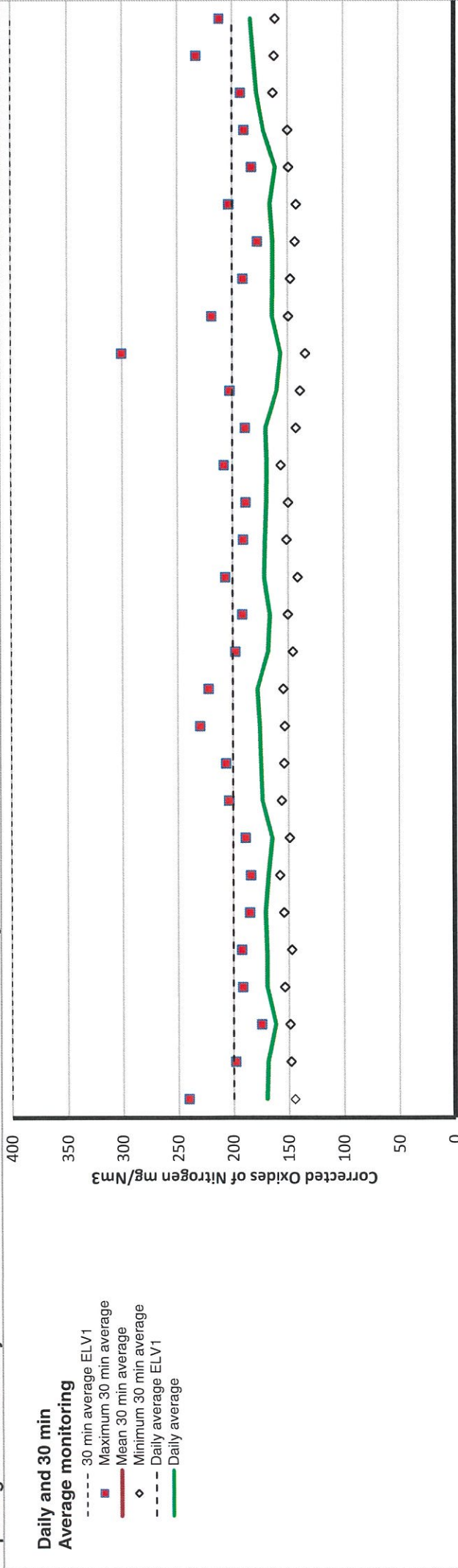
Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide Emission Point A20 for the month of November 2017



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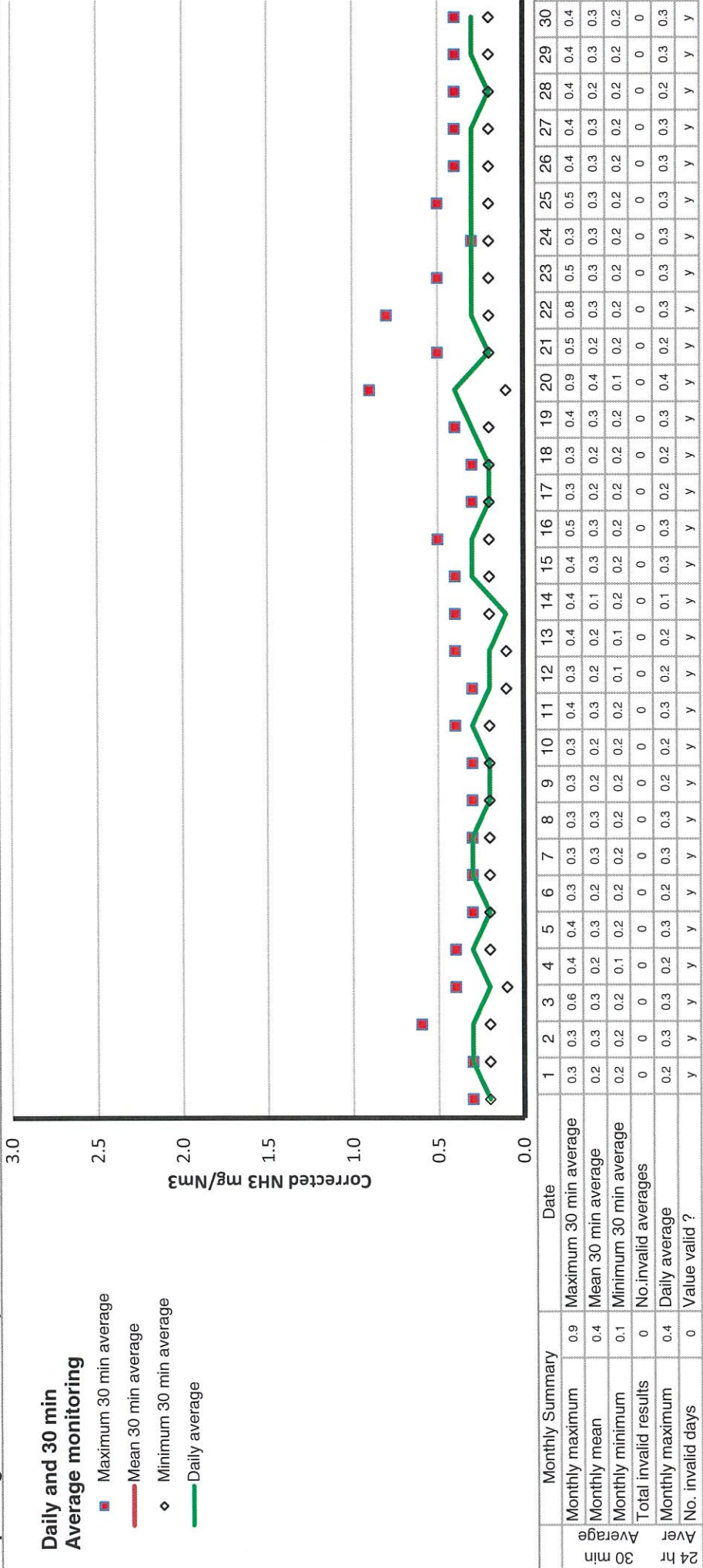
Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen Emission Point A20 for the month of November 2017



30 min 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	--	30 min average ELV1	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
30 min Average	Monthly maximum	300.2	Maximum 30 min average	240.4	197.8	174.3	191.2	192.1	184.9	183.8	188.6	203.2	206.0	229.7	222.1	197.3	191.0	206.4	190.3	187.9	207.4	188.3	201.9	300.2	218.7	190.2	177.1	202.8	182.4	189.2	192.3	232.8	211.6	
	Monthly mean	202.7	Mean 30 min average	169.7	168.5	161.7	169.3	169.5	170.8	168.0	164.5	173.3	174.4	175.5	177.7	168.0	166.2	171.4	170.4	169.3	168.8	169.8	159.9	156.3	163.9	163.6	163.4	165.8	161.0	171.5	177.6	180.7	183.2	
	Monthly minimum	134.2	Minimum 30 min average	144.5	148.1	148.8	153.5	147.2	154.2	157.8	148.9	156.0	153.8	153.1	154.3	145.7	150.2	141.3	151.1	149.8	156.3	142.5	138.7	134.2	149.4	147.4	143.1	142.1	149.1	149.8	162.9	161.9	161.2	
	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	
24 hr Average	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 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	183.2	Daily average	169.7	168.5	161.7	169.3	169.5	170.8	168.0	164.5	173.3	174.4	175.5	177.7	168.0	166.2	171.4	170.4	169.3	168.8	169.8	159.9	156.3	163.9	163.6	163.4	165.8	161.0	171.5	177.6	180.7	183.2	
	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	
24 hr Average	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	

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



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(Authorised to sign as representative of Operator)

Date: 20/11/17