



4th June 2019

Environment Agency
North Ridings Region
Ridings Area
Bowbridge Close
Bradmarsh Business Park
Templeborough
ROTHERHAM
S60 1BY

Your Ref:
Our ref: KGD/AC
RepPeriodEndingMay2019

FAO MR P BUCHANAN

Dear Mr Buchanan

Please find enclosed, completed reports for the period ending 31st May 2019 reported within the Permit requirements BM4082:

Report of Continuously Monitored Emissions to Air

Yours sincerely

A handwritten signature in blue ink, appearing to read "Kris GilloTT-Danks", with a large, stylized flourish at the end.

KRIS GILLOTT-DANKS
OPERATIONS MANAGER

Enc

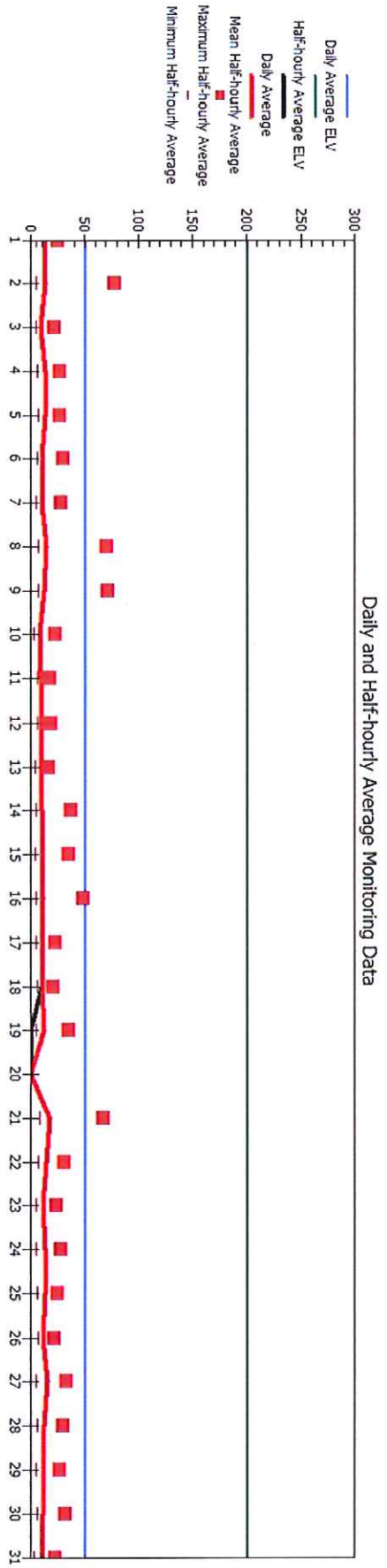
Cc: Ms G Charters

Permit Reference Number : BM4082
 Installation: Bernard Road, Sheffield

Operator : Veolia ES Sheffield Ltd
 Form Number: BM4082/PP3332SLA8

Date of Form: 02/01/2007

Reporting of Continuously Monitored Emissions to Air for SO2 mg/Nm3 at Emission Point A1 For the month of May 2019



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	
Half-hourly average	Monthly maximum	Half-hourly average ELV	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 mean	Maximum Half-hourly average	24	77	20	26	26	29	27	70	71	21	16	17	15	36	34	48	22	19	34	Off	66	30	22	27	24	21	31	29	26	31	21	
	Monthly minimum	Mean Half-hourly average	12	13	9	13	13	10	10	14	12	8	9	10	9	10	10	11	10	10	10	12	Off	17	14	11	14	13	11	15	12	11	11	9
	Total Invalid results	Minimum Half-hourly average	5	5	4	6	7	6	4	7	7	3	5	5	3	4	4	4	5	5	5	Off	8	6	5	5	6	7	5	6	5	6	3	
	Sum of exceedances	No of 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
	Sum of exceedances	No of exceedances of ELV	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	Monthly maximum	Daily average ELV	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	50
	No of invalid days	Daily average	12	13	9	13	13	10	10	14	12	8	9	10	9	10	10	11	10	10	10	N/A	Off	17	14	11	14	13	11	15	12	11	11	9
	Sum of 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	Y
	Sum of exceedances	Value Exceeds ELV?	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	N

Signed:  (Authorised to sign as a representative of the Operator)

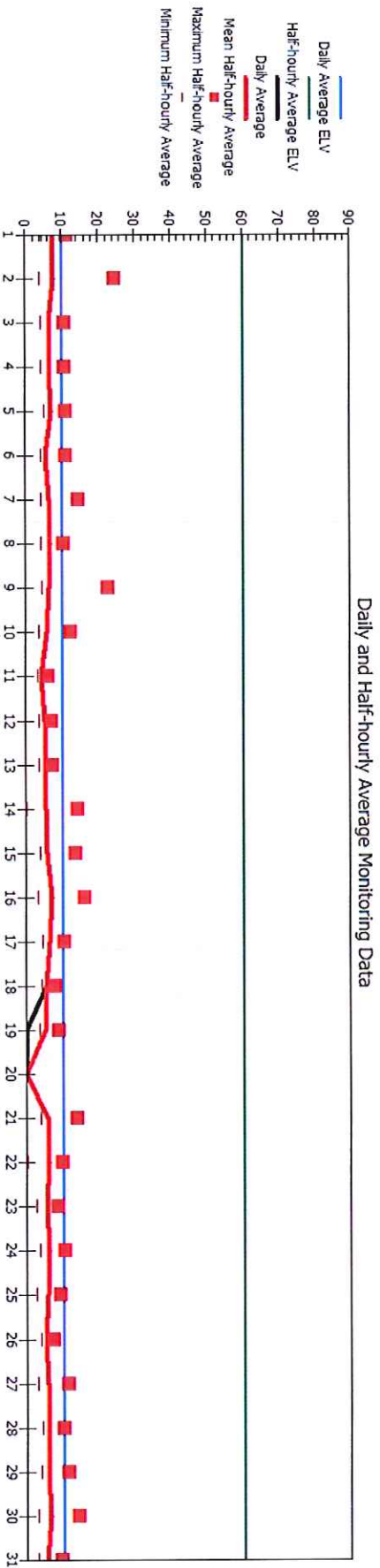
Date: 04/06/2019

Permit Reference Number : BM4082
 Installation: Bernard Road, Sheffield

Operator : Veolia ES Sheffield Ltd
 Form Number: BM4082/PP333SL/A4

Date of Form: 02/01/2007

Reporting of Continuously Monitored Emissions to Air for HCl mg/Nm³ at Emission Point A1 For the month of May 2019



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
Half-hourly average	Monthly maximum	Half-hourly average ELV	80.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	Monthly mean	Maximum Half-hourly average	11.2	24.4	10.4	10.5	10.8	10.7	14.4	10.3	22.4	12.0	5.7	6.8	7.1	13.8	3.3	15.7	10.2	7.6	8.6	Off	13.6	9.5	8.3	10.2	8.9	7.0	11.1	9.9	11.0	4.0	9.4
	Monthly minimum	Mean Half-hourly average	7.3	7.6	6.3	6.5	7.1	5.6	6.3	6.9	4.6	3.7	4.3	5.1	5.2	5.6	5.7	7.0	6.3	5.6	5.0	Off	5.9	6.0	5.5	6.0	5.7	5.2	5.7	5.7	5.9	6.6	5.3
	Total Invalid results	Minimum Half-hourly average	4.4	3.8	4.1	4.2	5.2	4.3	4.1	4.4	4.6	3.7	3.3	3.5	3.6	0.2	3.8	3.4	4.6	4.2	3.7	Off	4.0	0.3	2.5	3.6	2.7	3.8	2.9	4.2	3.8	3.1	3.0
	Sum of exceedances	No of 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
Daily average	Monthly maximum	Daily average ELV	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	No of Invalid days	Daily average	7.3	7.6	6.3	6.5	7.1	5.6	6.3	6.9	4.6	3.7	4.3	5.1	5.2	5.6	5.7	7.0	6.3	5.6	N/A	Off	5.9	6.0	5.5	6.0	5.7	5.2	5.7	5.7	5.9	6.6	5.3
	Sum of 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
	Sum of exceedances	Value Exceeds ELV?	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

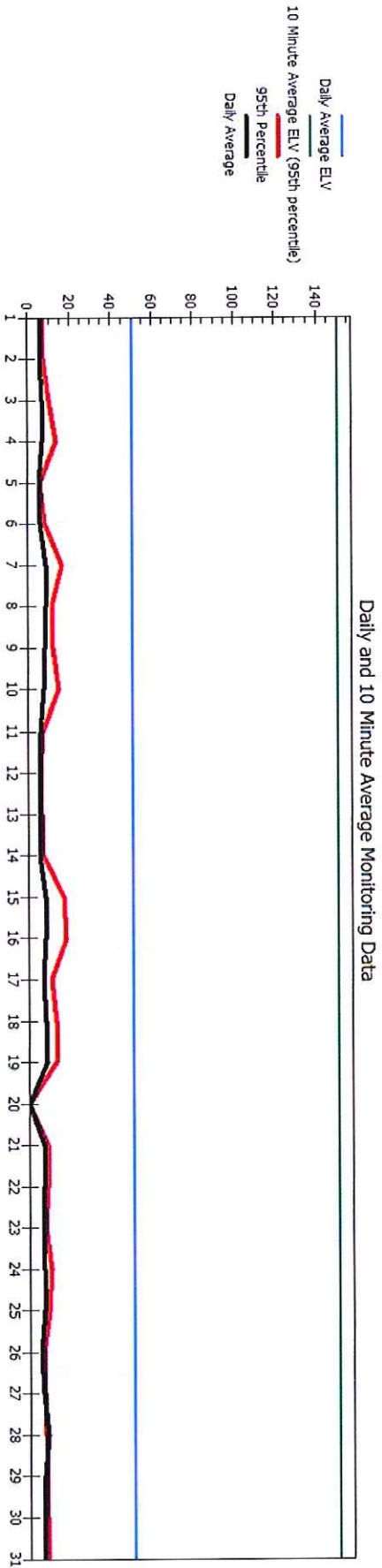
Signed: [Signature]
 (Authorised to sign as a representative of the Operator)

Date: 04/06/2019


Permit Reference Number : BM4082
 Installation: Bernard Road, Sheffield

Operator : Veolia ES Sheffield Ltd
 Form Number:

Reporting of Continuously Monitored Emissions to Air for CO mg/Nm³ at Emission Point A1 For the month of May 2019



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
10 Minute average	Monthly Maximum	10 Minute average ELV (95th Percentile)	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
	Monthly 95th Percentile	Maximum 10 Minute average	11	16	35	32	8	19	168	203	108	90	62	33	9	22	79	117	85	92	172	Off	13	54	40	30	29	8	42	321	111	16	49
	Monthly minimum	95th Percentile	7	7	10	13	6	8	16	12	12	14	7	6	6	7	17	18	11	13	13	Off	9	9	8	10	9	6	7	7	8	8	8
Daily average	Total Invalid results	Minimum 10 Minute average	3	2	3	4	3	2	1	2	2	2	1	1	0	2	2	1	4	2	Off	5	4	4	3	3	2	3	3	3	4	3	3
	Sum of Exceedances of 95th Percentile ELV	No of Invalid results	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0
	Sum of Exceedances of 95th Percentile ELV	Number of results above 150mg/m ³	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	Off	0	0	0	0	0	0	0	0	1	0	0
Daily average	Monthly maximum	Daily average ELV	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 of invalid days	Daily average	6	6	7	7	5	6	9	9	8	8	6	5	5	5	8	8	7	8	9	Off	7	7	6	7	7	5	6	7	6	6	6
	Sum of 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
	Sum of exceedances	Value Exceeds ELV?	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: 
 (Authorised to sign as a representative of the Operator)

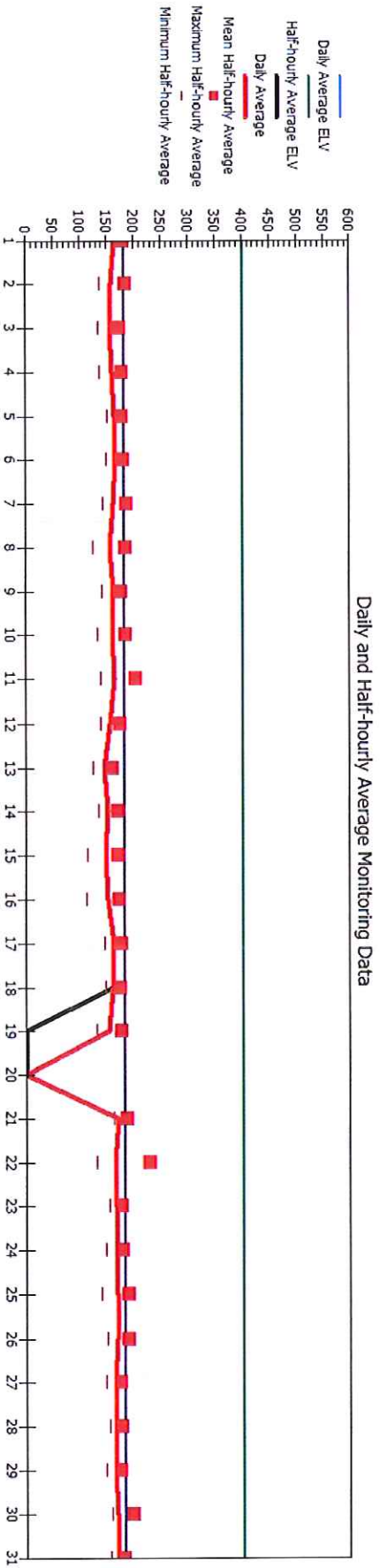
Date: 24/06/2019

Permit Reference Number : BM4082
 Installation: Bernard Road, Sheffield

Operator : Veolia ES Sheffield Ltd
 Form Number: BM4082/PP3332SL/A9

Date of Form: 02/01/2007

Reporting of Continuously Monitored Emissions to Air for NOx mg/m³ at Emission Point A1 For the month of May 2019



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
Half-hourly average	Monthly maximum	Half-hourly average ELV	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
	Monthly mean	Maximum Half-hourly average	179	183	173	176	176	179	185	182	175	184	202	173	158	169	167	171	175	172	175	Off	184	227	175	177	187	188	172	174	172	195	178
	Monthly minimum	Mean Half-hourly average	164	158	157	160	165	165	161	156	162	159	165	155	146	151	147	152	162	161	154	Off	170	164	166	166	167	169	164	165	163	167	168
	Total Invalid results	Minimum Half-hourly average	150	136	134	136	152	149	142	125	141	134	138	140	125	134	113	112	145	148	131	Off	161	131	153	147	138	148	148	154	148	158	156
	Sum of exceedances	No of 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
Daily average	Monthly maximum	No of exceedances of ELV	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 minimum	Daily average ELV	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
	Sum of exceedances	Daily average	164	158	157	160	165	165	161	156	162	159	165	155	146	151	147	152	162	161	154	Off	170	164	166	166	167	169	164	165	163	167	168
Daily average	No of invalid days	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
	Sum of exceedances	Value Exceeds ELV?	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

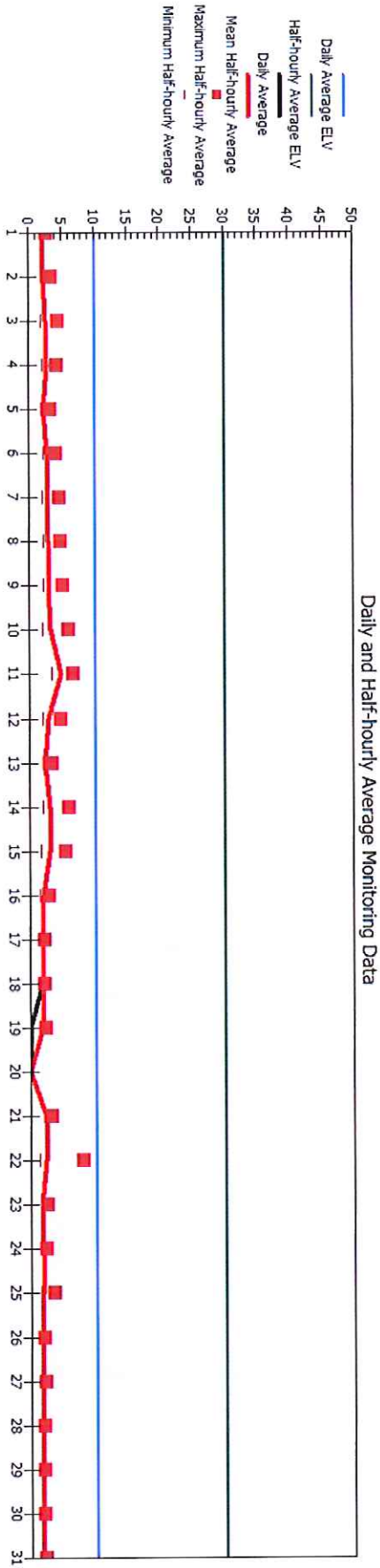
Signed: [Signature]
 (Authorised to sign as a representative of the Operator)

Date: 02/06/2019

Permit Reference Number : BM4082

Operator : Veolia ES Sheffield Ltd

Installation: Bernard Road, Sheffield
 Reporting of Continuously Monitored Emissions to Air for Particulate Matter mg/Nm³ at Emission Point A1 For the month of May 2019
 Form Number: BM4082/PP3332SL/A3
 Date of Form: 02/01/2007



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
Half-hourly average	Monthly maximum	Half-hourly average ELV	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	
	Monthly mean	Maximum Half-hourly average	2.5	3.3	4.2	4.1	3.1	3.9	4.4	4.7	5.0	5.8	6.6	4.5	3.3	5.9	5.4	2.7	2.0	2.1	2.1	Off	3.0	7.9	2.3	2.2	3.5	1.9	2.0	1.8	1.9	1.8	2.0
	Monthly minimum	Mean Half-hourly average	2.0	2.2	2.5	2.7	2.2	2.7	2.7	2.8	2.9	3.1	4.8	2.9	2.3	3.0	3.0	1.9	1.8	1.9	1.9	Off	2.3	2.3	1.7	1.9	1.8	1.7	1.8	1.7	1.6	1.7	
	Total Invalid results	Minimum Half-hourly average	1.8	1.8	1.9	1.9	1.8	2.2	2.0	2.1	2.2	2.0	3.5	2.1	2.0	2.0	1.6	1.6	1.6	1.7	1.6	Off	2.0	1.3	1.4	1.5	1.4	1.5	1.7	1.6	1.5	1.5	
	Sum of exceedances	No of 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	
		No of exceedances of ELV	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	Monthly maximum	Daily average ELV	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
	No of invalid days	Daily average	2.0	2.2	2.5	2.7	2.2	2.7	2.7	2.8	2.9	3.1	4.8	2.9	2.3	3.0	3.0	1.9	1.8	1.8	1.8	Off	2.3	2.3	1.7	1.9	1.8	1.7	1.8	1.7	1.6	1.7	
	Sum of 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	
		Value Exceeds ELV?	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: *[Signature]*
 (Authorised to sign as a representative of the Operator)

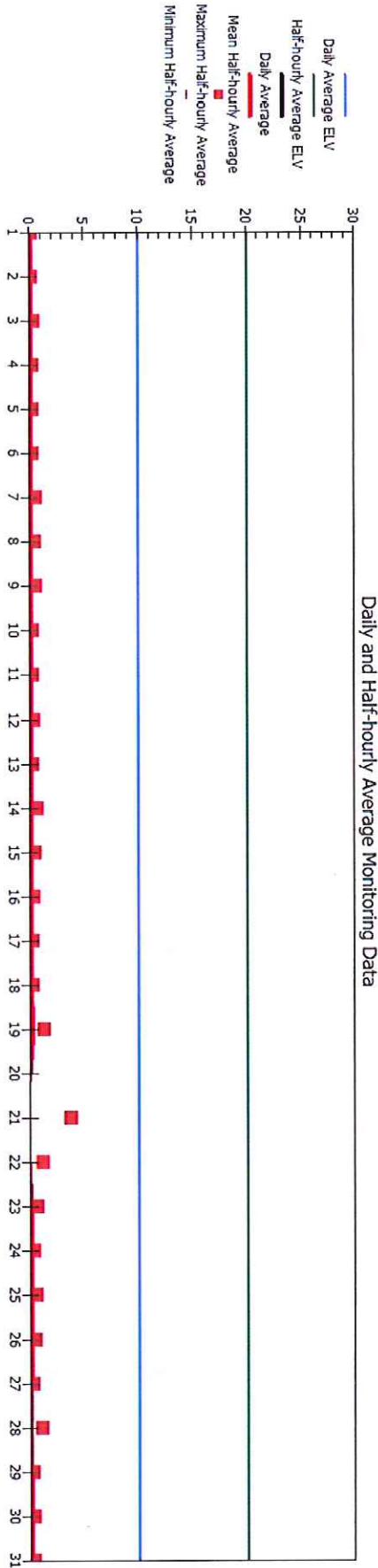
Date: 04/06/2019

Permit Reference Number : BM4082
 Installation: Bernard Road, Sheffield

Operator : Veolia ES Sheffield Ltd
 Form Number: BM4082/PP3332SL/AS

Date of Form: 02/01/2007

Reporting of Continuously Monitored Emissions to Air for TOC mg/Nm³ at Emission Point A1 For the month of May 2019



	Monthly summary		Date	Daily																																				
	Half-hourly average ELV	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						
Monthly maximum	3.7	Maximum Half-hourly average	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.5	0.4	0.5	0.2	0.2	0.1	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	Off	3.7	1.1	0.6	0.2	0.4	0.3	0.2	1.0	0.1	0.3	0.2	
Monthly mean	0.0	Mean Half-hourly average	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	Off	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	
Monthly minimum	0.0	Minimum Half-hourly 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Invalid results	0	No of 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	0	0	0	0	0	0
Sum of exceedances	0	No of exceedances of ELV	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	
Daily average	0.1	Daily average ELV	10	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	
No of invalid days	0	Daily average	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	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	
Sum of exceedances	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	Y	Y	Y	Y	Y	Y	Y	
	0	Value Exceeds ELV?	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	N	N	N	N	N	N	

Signed: [Signature] Date: 04/06/2019
 (Authorised to sign as a representative of the Operator)