

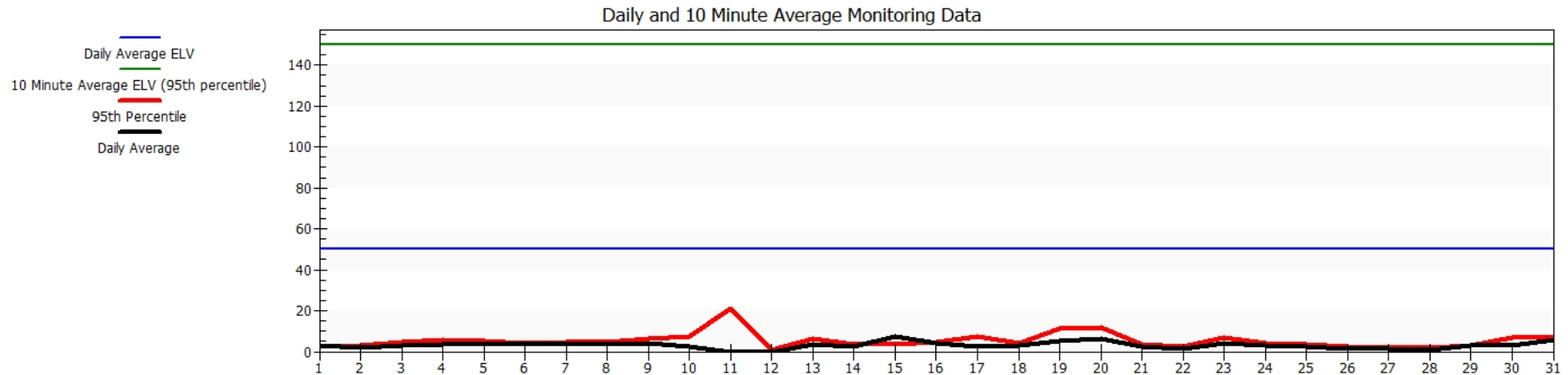
Permit Reference Number : LP3030XA

Operator : Viridor

Installation: trident park cardiff

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A1 For the month of January 2023



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			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 Maximum 10-min	1843	Maximum 10 Minute average	61	4	35	59	70	117	78	136	136	12	1843	4	15	14	619	245	62	94	231	161	14	26	56	81	55	75	64	13	148	54	456
	Monthly mean 10-min avgs	4	95th Percentile	3	3	5	6	5	4	5	5	6	7	21	1	6	4	4	5	7	4	11	12	4	2	7	4	4	2	2	2	3	7	7
	Monthly Minimum 10-min	0	Minimum 10 Minute average	1	0	1	0	1	1	1	0	0	0	1	0	1	1	0	0	0	0	1	2	1	0	1	0	0	0	0	0	0	1	0
	Total Invalid results	75	No of Invalid results	2	3	2	3	3	2	2	2	3	2	5	1	2	2	3	2	3	2	2	2	3	2	2	2	4	2	2	2	2	3	3
			Number of results above 150mg/m³	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1
	Sum of Exceedances of 95th percentile ELV	0	95th Percentile ELV Exceeded (Y/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
	Daily average			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
Monthly maximum		7	Daily average	3	2	3	3	3	4	3	4	4	3	N/A	N/A	3	3	7	4	3	3	5	6	2	1	4	3	2	1	1	1	3	3	6
No of 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	
Sum of exceedances		0	Value Exceeds ELV? (Y/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..... G Jones

Date..... 26 April 2023

(Authorised to sign as a representative of the Operator)

Environment Agency explanatory note: The 10-minute average ELV is based on the "95th percentile" In this case this means that 95% of the 10 minute averages in the calendar day (= 137) must be below 150 mg/m3, and 5% (= 7) are allowed to be any value above 150 mg/m3. Whilst we expect operators to minimise CO emissions at all times, it is perfectly acceptable for the value of the maximum 10-minute average to be above 150 mg/m3, provided the 95th percentile ELV has been met for that period

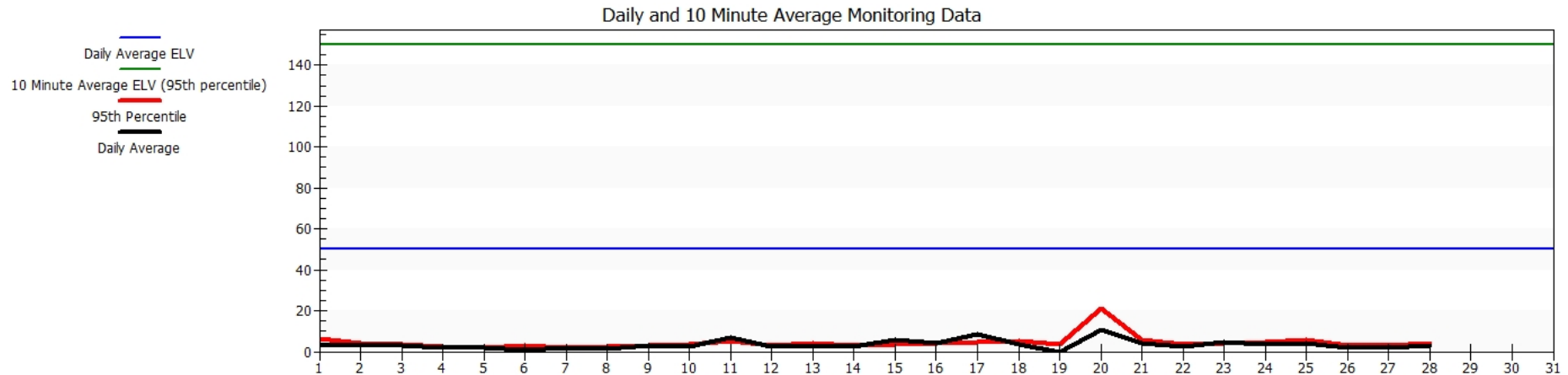
Permit Reference Number : LP3030XA

Operator : Viridor

Installation: trident park cardiff

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A1 For the month of February 2023



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			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			
	Monthly Maximum 10-min	622	Maximum 10 Minute average	63	43	96	5	78	7	80	4	102	32	248	51	25	47	359	143	622	21	39	511	166	16	243	130	7	7	4	89				
	Monthly mean 10-min avgs	4	95th Percentile	6	4	4	3	2	3	2	2	3	3	5	3	4	3	3	4	5	5	3	21	6	4	4	5	6	3	3	4				
	Monthly Minimum 10-min	0	Minimum 10 Minute average	0	1	0	1	0	0	0	0	1	0	1	0	1	1	1	1	2	2	0	1	1	1	1	1	1	0	1	1				
	Total Invalid results	74	No of Invalid results	2	2	2	2	2	3	2	3	4	2	4	3	2	2	3	4	2	5	4	2	3	3	2	2	3	2	2	2				
			Number of results above 150mg/m³	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	1	0	0	2	1	0	1	0	0	0	0	0				
	Sum of Exceedances of 95th percentile ELV	0	95th Percentile ELV Exceeded (Y/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			
Daily average			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				
	Monthly maximum	11	Daily average	3	3	3	2	2	1	2	2	3	2	7	2	3	3	6	4	9	4	N/A	11	4	3	5	3	4	2	2	3				
	No of 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				
	Sum of exceedances	0	Value Exceeds ELV? (Y/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..... G Jones

Date..... 26 April 2023

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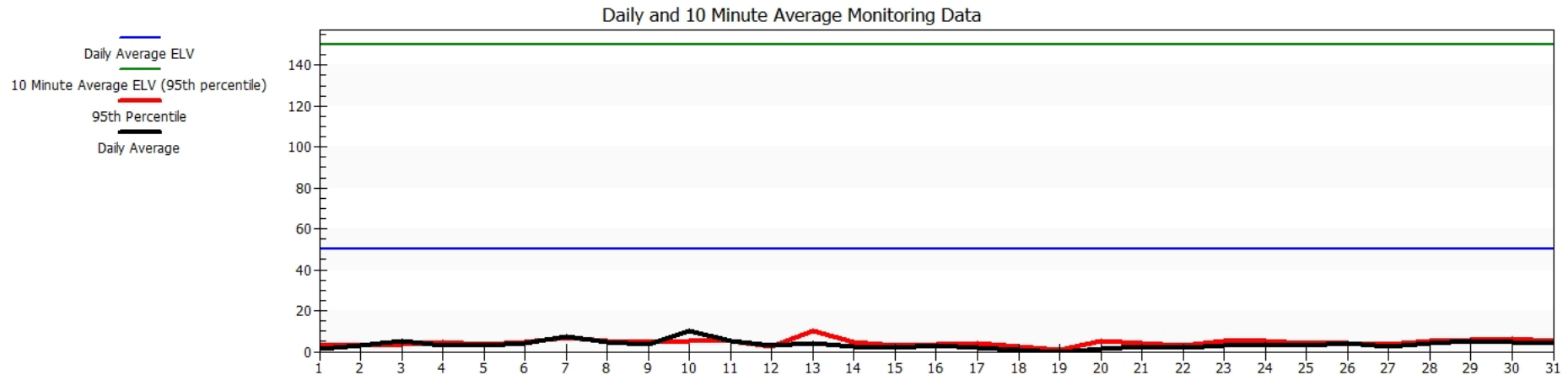
Permit Reference Number : LP3030XA

Operator : Viridor

Installation: trident park cardiff

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A1 For the month of March 2023



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			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 Maximum 10-min	888	Maximum 10 Minute average	3	141	414	102	82	136	280	139	57	888	162	274	142	23	5	198	16	19	15	31	10	26	65	43	56	157	4	147	105	238	128
	Monthly mean 10-min avgs	3	95th Percentile	3	3	4	5	4	5	7	5	5	5	5	3	10	5	3	3	4	2	1	5	4	3	5	5	4	4	4	5	6	6	5
	Monthly Minimum 10-min	0	Minimum 10 Minute average	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	0	1
	Total Invalid results	81	No of Invalid results	3	2	2	2	3	2	2	5	3	2	3	3	2	2	4	2	2	3	3	2	3	2	2	3	2	3	2	2	5	3	2
			Number of results above 150mg/m³	0	0	1	0	0	0	2	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
	Sum of Exceedances of 95th percentile ELV	0	95th Percentile ELV Exceeded (Y/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
Daily average			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
	Monthly maximum	10	Daily average	2	3	5	3	3	4	7	4	4	10	5	3	4	3	2	3	2	1	0	2	2	2	3	3	3	4	2	4	5	4	4
	No of 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	
	Sum of exceedances	0	Value Exceeds ELV? (Y/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

G Jones

Signed.....

26 April 2023

Date.....

(Authorised to sign as a representative of the Operator)

Environment Agency explanatory note: The 10-minute average ELV is based on the "95th percentile" In this case this means that 95% of the 10 minute averages in the calendar day (= 137) must be below 150 mg/m3, and 5% (= 7) are allowed to be any value above 150 mg/m3. Whilst we expect operators to minimise CO emissions at all times, it is perfectly acceptable for the value of the maximum 10-minute average to be above 150 mg/m3, provided the 95th percentile ELV has been met for that period

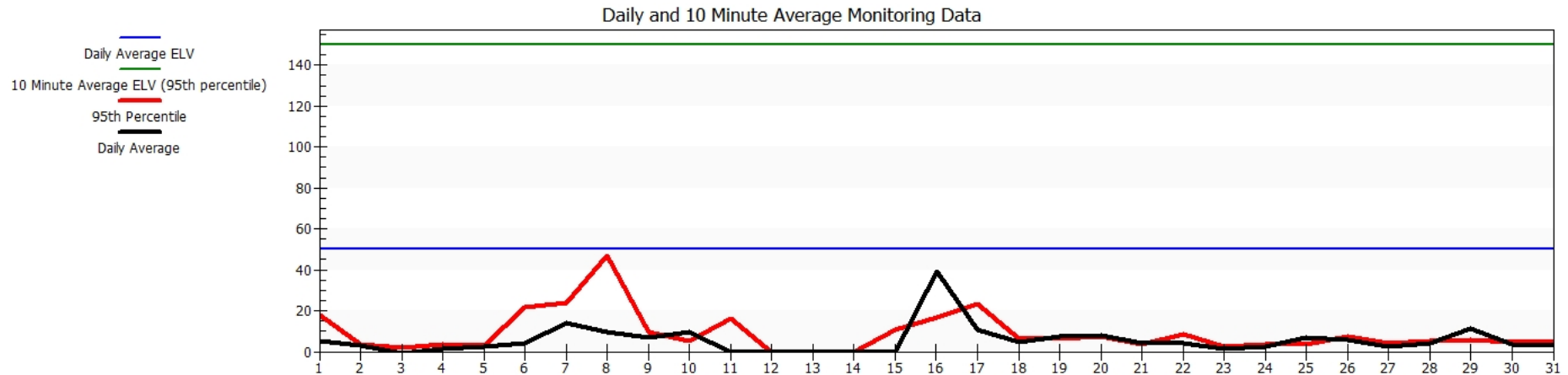
Permit Reference Number : LP3030XA

Operator : Viridor

Installation: trident park cardiff

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A2 For the month of January 2023



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			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 Maximum 10-min	3381	Maximum 10 Minute average	77	21	64	59	31	67	1100	455	452	905	211	Off	Off	Off	163	3381	340	118	587	290	178	102	8	48	356	114	46	49	1014	35	6
	Monthly mean 10-min avgs	7	95th Percentile	18	4	2	4	3	21	24	47	10	5	16	Off	Off	Off	11	17	23	6	6	7	3	9	3	3	4	7	4	5	6	5	4
	Monthly Minimum 10-min	0	Minimum 10 Minute average	2	1	0	0	1	0	0	1	1	1	1	Off	Off	Off	1	1	2	2	2	1	0	0	0	1	1	1	0	0	2	1	2
	Total Invalid results	76	No of Invalid results	2	3	5	3	3	2	2	2	3	2	4	0	0	0	8	2	2	2	2	2	3	2	2	2	4	2	2	2	2	3	3
			Number of results above 150mg/m³	0	0	0	0	0	0	2	1	1	1	2	Off	Off	Off	1	5	2	0	1	2	1	0	0	0	1	0	0	0	1	0	0
	Sum of Exceedances of 95th percentile ELV	0	95th Percentile ELV Exceeded (Y/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
Daily average			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
	Monthly maximum	39	Daily average	5	3	0	2	2	4	14	10	7	10	N/A	Off	Off	Off	N/A	39	11	5	8	8	4	4	1	3	7	6	3	4	11	3	3
	No of 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	
	Sum of exceedances	0	Value Exceeds ELV? (Y/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..... G Jones

Date..... 26 April 2023

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Environment Agency explanatory note: The 10-minute average ELV is based on the "95th percentile" In this case this means that 95% of the 10 minute averages in the calendar day (= 137) must be below 150 mg/m3, and 5% (= 7) are allowed to be any value above 150 mg/m3. Whilst we expect operators to minimise CO emissions at all times, it is perfectly acceptable for the value of the maximum 10-minute average to be above 150 mg/m3, provided the 95th percentile ELV has been met for that period

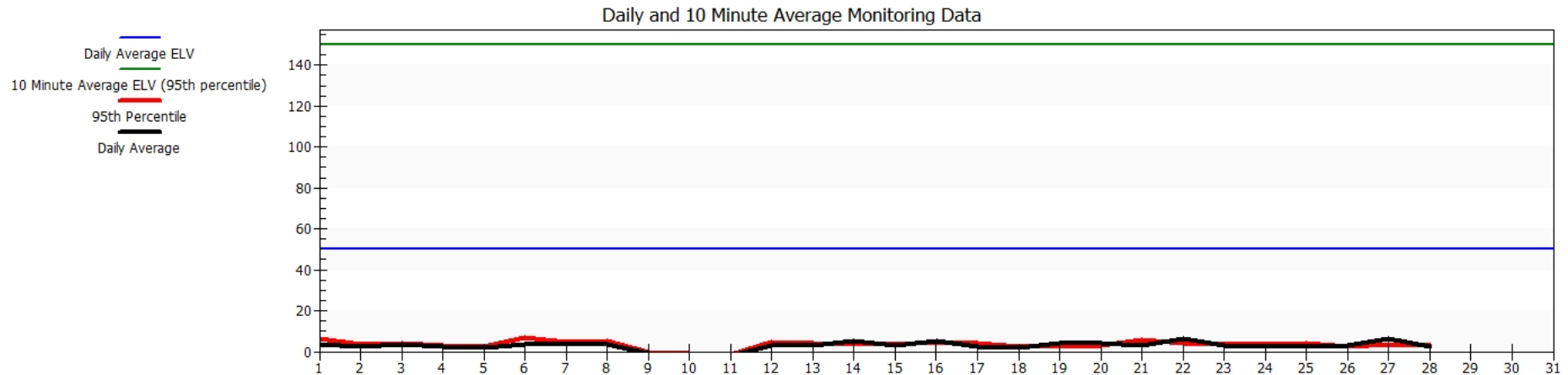
Permit Reference Number : LP3030XA

Operator : Viridor

Installation: trident park cardiff

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m<sup>3</sup> at Emission Point A2 For the month of February 2023



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			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				
	Monthly Maximum 10-min	558	Maximum 10 Minute average	13	87	128	17	8	53	7	29	105	7	2	260	8	380	6	207	6	18	296	169	42	442	20	18	9	144	558	42				
	Monthly mean 10-min avgs	3	95th Percentile	7	4	4	3	3	7	5	5	0	0	0	5	4	4	3	5	4	3	3	3	6	4	3	3	4	3	3	3				
	Monthly Minimum 10-min	0	Minimum 10 Minute average	1	0	1	1	1	0	3	0	0	0	0	0	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1				
	Total Invalid results	74	No of Invalid results	5	2	2	2	2	3	2	3	4	2	2	5	2	2	3	3	2	5	2	2	3	3	2	2	3	2	2	2				
			Number of results above 150mg/m³	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	1	1	0	1	0	0	0	0	1	0				
	Sum of Exceedances of 95th percentile ELV	0	95th Percentile ELV Exceeded (Y/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			
Daily average			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			
	Monthly maximum	6	Daily average	3	3	4	2	2	4	4	4	0	0	0	3	3	5	3	5	2	2	4	4	3	6	3	3	3	3	6	3				
	No of 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				
	Sum of exceedances	0	Value Exceeds ELV? (Y/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..... G Jones

Date..... 26 April 2023

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Environment Agency explanatory note: The 10-minute average ELV is based on the "95th percentile" In this case this means that 95% of the 10 minute averages in the calendar day (= 137) must be below 150 mg/m<sup>3</sup>, and 5% (= 7) are allowed to be any value above 150 mg/m<sup>3</sup>. Whilst we expect operators to minimise CO emissions at all times, it is perfectly acceptable for the value of the maximum 10-minute average to be above 150 mg/m<sup>3</sup>, provided the 95th percentile ELV has been met for that period

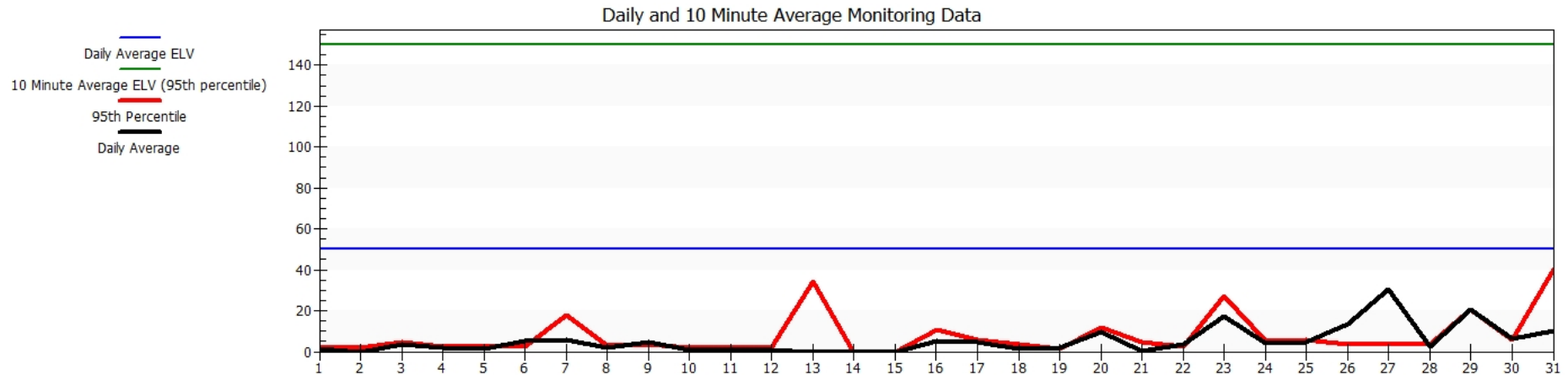
Permit Reference Number : LP3030XA

Operator : Viridor

Installation: trident park cardiff

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A2 For the month of March 2023



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			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 Maximum 10-min	3874	Maximum 10 Minute average	3	3874	114	22	60	476	233	8	281	2	34	19	289	Off	Off	137	261	42	192	377	20	160	901	160	314	944	1176	66	1528	463	491
	Monthly mean 10-min avgs	7	95th Percentile	3	2	5	2	2	3	18	3	4	2	2	2	34	Off	Off	11	6	3	1	12	5	2	27	5	6	3	4	3	21	6	41
	Monthly Minimum 10-min	0	Minimum 10 Minute average	0	1	1	0	0	0	1	0	0	0	0	0	0	Off	Off	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0
	Total Invalid results	68	No of Invalid results	3	0	2	2	2	2	2	5	3	2	2	2	2	0	0	3	2	3	2	2	2	2	2	3	2	3	2	2	4	3	2
			Number of results above 150mg/m³	0	1	0	0	0	1	2	0	1	0	0	0	3	Off	Off	0	1	0	1	4	0	1	4	1	1	4	5	0	4	1	1
	Sum of Exceedances of 95th percentile ELV	0	95th Percentile ELV Exceeded (Y/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
	Daily average			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
Monthly maximum		30	Daily average	2	N/A	4	2	2	5	6	2	4	1	1	1	N/A	Off	Off	5	4	1	2	10	0	4	17	4	4	13	30	3	21	6	10
No of 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	
Sum of exceedances		0	Value Exceeds ELV? (Y/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..... **G Jones**

Date..... **26 April 2023**

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