

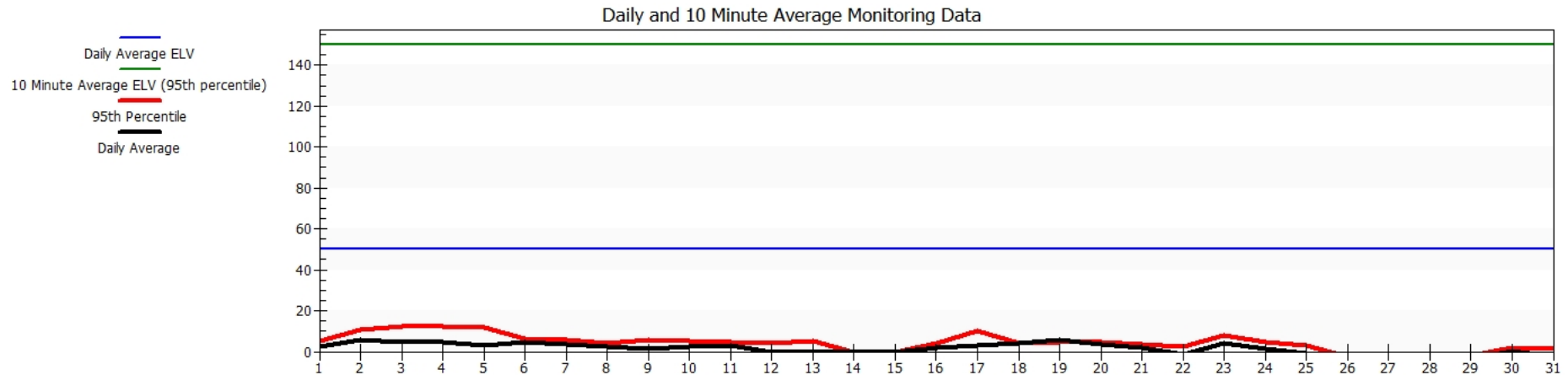
Permit Reference Number : LP3030XA

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 October 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	3026	Maximum 10 Minute average	25	123	15	85	15	165	50	191	174	85	203	3026	7	Off	Off	32	73	244	375	112	104	70	421	129	33	47	34	38	19	211	30
	Monthly mean 10-min avgs	3	95th Percentile	5	11	13	13	12	6	6	4	6	5	5	4	5	Off	Off	4	10	4	5	5	4	3	8	4	3	0	0	0	0	2	1
	Monthly Minimum 10-min	0	Minimum 10 Minute average	0	0	0	0	0	0	0	0	0	0	0	0	0	Off	Off	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Invalid results	66	No of Invalid results	2	3	3	4	3	4	2	2	3	2	2	1	1	0	0	1	1	3	1	1	1	4	1	1	4	2	2	4	2	2	4
			Number of results above 150mg/m³	0	0	0	0	0	1	0	1	1	0	1	1	0	Off	Off	0	0	1	1	0	0	0	1	0	0	0	0	0	0	2	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
Monthly maximum		6	Daily average	3	6	5	5	3	5	4	2	1	3	3	N/A	N/A	Off	Off	2	3	4	6	4	2	0	4	1	0	0	0	0	0	0	0
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.....

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

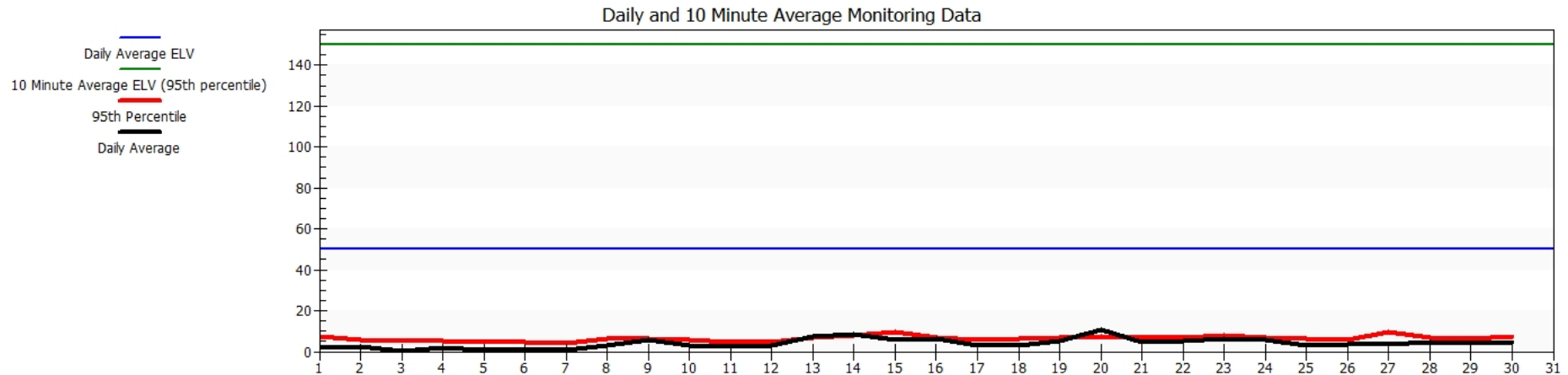
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Monthly summary			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
10 Minute average			10 Minute average ELV (95th Percentile)	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	
	Monthly Maximum 10-min	838	Maximum 10 Minute average	339	180	135	50	133	6	56	66	193	106	117	72	299	279	24	112	6	38	61	838	73	71	76	115	12	33	23	73	29	9	
	Monthly mean 10-min avgs	4	95th Percentile	8	6	5	5	5	4	4	6	6	6	5	4	7	8	9	7	6	6	7	7	7	7	8	7	6	6	10	7	6	7	
	Monthly Minimum 10-min	0	Minimum 10 Minute average	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	1	3	2	0	0	0	0	0	0	
	Total Invalid results	60	No of Invalid results	4	1	3	1	1	3	1	2	3	1	1	4	1	1	4	1	1	3	1	2	2	3	1	1	3	1	2	5	2	1	
			Number of results above 150mg/m³	1	1	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
		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	11	Daily average	2	3	1	2	1	1	1	3	6	3	2	3	7	8	6	6	3	3	5	11	5	5	6	6	3	4	3	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		
	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	

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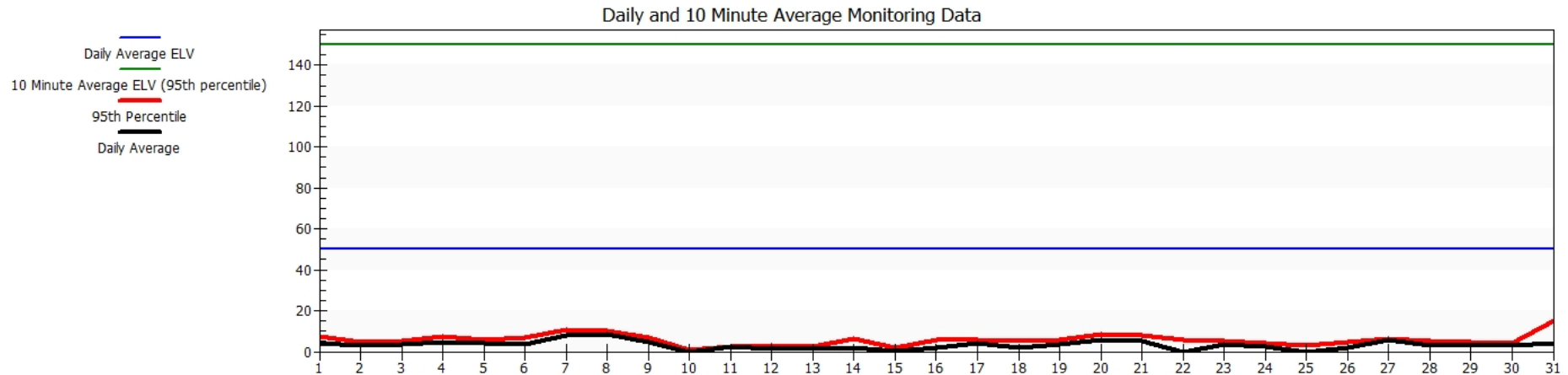
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## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A1 For the month of December 2023



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	283	Maximum 10 Minute average	38	15	50	53	12	23	236	209	254	35	283	50	35	8	8	8	17	32	27	148	34	249	36	106	4	22	154	13	79	22	144	
	Monthly mean 10-min avgs	3	95th Percentile	7	5	5	7	6	7	11	10	7	1	2	3	2	7	2	6	6	5	6	8	8	6	5	4	3	5	7	5	5	4	15	
	Monthly Minimum 10-min	0	Minimum 10 Minute average	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	
	Total Invalid results	81	No of Invalid results	1	1	1	2	2	2	3	1	1	4	2	4	11	5	2	3	2	2	3	2	2	3	2	2	2	5	3	2	2	2	2	
			Number of results above 150mg/m³	0	0	0	0	0	0	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	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	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	9	Daily average	4	3	3	5	4	3	8	9	4	0	2	1	1	2	0	2	4	2	4	6	5	N/A	4	2	0	2	6	3	3	3	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	

Signed.....

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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

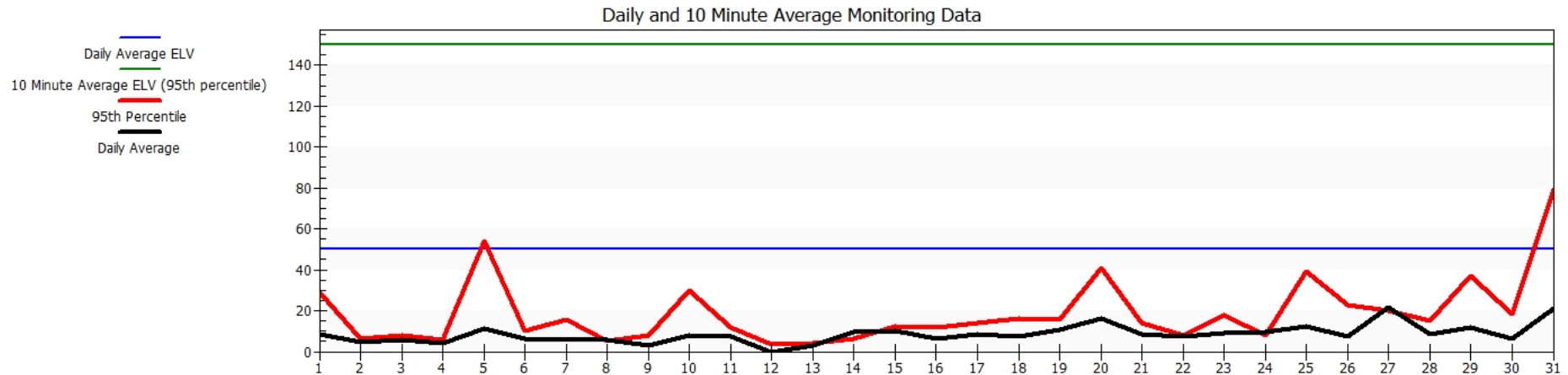
Permit Reference Number : LP3030XA

Operator : Viridor

Installation: trident park cardiff

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A2 For the month of October 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	1371	Maximum 10 Minute average	241	193	207	72	454	251	178	383	80	241	508	230	146	617	489	48	199	179	469	771	451	372	305	494	331	189	1371	411	413	210	604
	Monthly mean 10-min avgs	9	95th Percentile	29	6	8	6	54	10	16	5	8	30	12	4	4	6	12	12	14	16	16	41	14	8	18	8	39	23	20	15	37	19	79
	Monthly Minimum 10-min	0	Minimum 10 Minute average	1	1	2	1	1	1	1	1	1	0	0	1	0	1	1	2	3	2	2	2	1	1	1	0	2	2	1	0	0	0	0
	Total Invalid results	85	No of Invalid results	2	2	3	4	2	4	2	2	2	2	2	3	2	2	4	2	2	4	2	2	2	4	2	5	4	2	2	5	2	2	5
			Number of results above 150mg/m³	2	1	1	0	1	1	1	1	0	2	1	1	0	2	2	0	1	1	2	3	1	1	2	2	3	1	3	2	3	1	6
	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		22	Daily average	8	5	6	4	11	6	6	6	3	8	7	N/A	3	9	10	6	8	7	11	16	9	7	9	9	13	8	22	9	12	6	21
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.....

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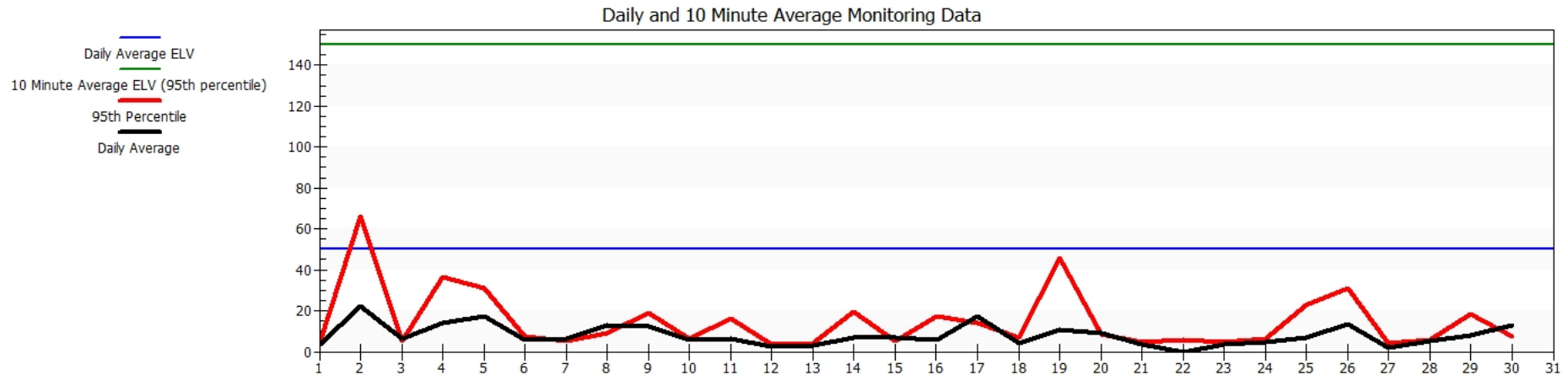
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## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A2 For the month of November 2023



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	
	Monthly Maximum 10-min	989	Maximum 10 Minute average	194	752	227	664	912	277	496	989	554	151	132	16	33	217	473	82	989	32	280	521	72	206	101	137	103	312	41	201	169	627	
	Monthly mean 10-min avgs	8	95th Percentile	4	66	5	37	31	8	5	9	19	6	16	4	4	20	5	17	14	7	46	9	5	6	4	6	23	31	4	6	18	7	
	Monthly Minimum 10-min	0	Minimum 10 Minute average	0	1	0	1	0	0	0	1	2	2	1	1	1	2	0	3	2	2	1	1	1	1	1	1	2	0	0	1	2	3	
	Total Invalid results	71	No of Invalid results	4	2	4	2	2	4	1	3	4	1	2	3	2	2	4	2	1	4	2	1	4	3	1	1	3	2	1	3	2	1	
			Number of results above 150mg/m³	1	5	1	3	3	1	1	2	2	1	0	0	0	1	1	0	3	0	3	2	0	2	0	0	0	5	0	1	1	2	
	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	22	Daily average	4	22	6	14	17	6	6	13	13	6	6	3	3	7	7	6	17	4	11	9	3	N/A	4	5	7	13	2	5	8	13	
	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		
	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	

Signe [REDACTED].....

Date.....

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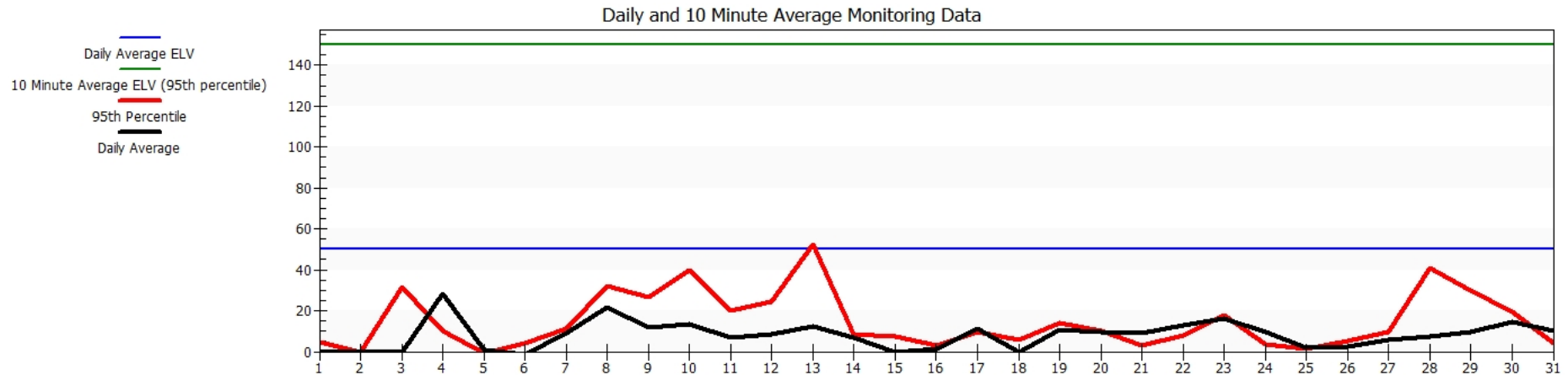
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Monthly summary			Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
10 Minute average			10 Minute average ELV (95th Percentile)	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	
	Monthly Maximum 10-min	3533	Maximum 10 Minute average	215	Off	1352	3533	334	83	683	1066	264	352	71	129	227	182	179	14	980	114	809	530	721	1429	1086	965	164	93	376	234	495	681	554	
	Monthly mean 10-min avgs	10	95th Percentile	5	Off	31	10	0	4	11	32	27	40	20	24	53	8	8	3	10	6	14	10	3	8	18	3	2	5	9	41	30	19	4	
	Monthly Minimum 10-min	0	Minimum 10 Minute average	3	Off	5	0	0	0	0	5	4	4	3	3	3	0	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	
	Total Invalid results	71	No of Invalid results	0	0	2	3	3	3	5	1	1	3	1	2	6	1	2	3	2	2	3	2	2	3	2	2	2	4	3	2	2	2	2	
			Number of results above 150mg/m³	1	Off	3	3	1	0	1	4	1	3	0	0	2	1	1	0	2	0	1	2	2	1	3	2	1	0	1	1	3	4	3	
	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	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		28	Daily average	N/A	Off	N/A	28	1	0	9	22	12	14	7	8	13	7	N/A	2	11	N/A	11	10	9	13	16	10	2	3	6	7	9	15	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	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	N

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