

## Beddington Emissions Report

IMPORTANT NOTE: A 'Guidance note for reading the reports' has been prepared to help you accurately interpret the tables and graphs on the following pages. It is important that you have read and understood the Guidance Note before reading this report. You can download a copy of the Guidance Note from the [Emissions Monthly Report Archive](#) page. If you have any questions, please do not hesitate to get in touch by sending an email to: [Beddingtonerf@viridor.co.uk](mailto:Beddingtonerf@viridor.co.uk)

### Reporting Period: 1-30 September 2024

#### Emissions performance summary table

Emission	Monitoring point	Number of exceedances during Reporting Period	Commentary (where exceedances or other noteworthy events have occurred)
Particulates	A1	0	n/a
	A2	0	n/a
Volatile Organic Compounds (VOC)	A1	0	n/a
	A2	3	Between 08:30 and 10:00am on 19 <sup>th</sup> September there were three half hourly exceedances on Line 2. Levels returned to normal operating conditions quickly. Following an investigation, it was identified that this was due to sudden changes in the composition of the waste being processed. The Environment Agency (EA) were informed.
Hydrogen Chloride (HCl)	A1	0	n/a
	A2	0	n/a
Sulphur Dioxide (SO <sub>2</sub> )	A1	0	n/a
	A2	0	n/a
Oxides of Nitrogen (NO <sub>x</sub> )	A1	0	n/a
	A2	0	n/a
Ammonia (NH <sub>3</sub> )	A1	0	n/a
	A2	0	n/a
Carbon Monoxide (CO)	A1	0	n/a
	A2	0	n/a

#### Other notes

- On 9<sup>th</sup> and 26<sup>th</sup> September, Line 2 experienced a blockage to the ash conveyor, this saw the ERF stop processing waste for a number of hours and resulted in no daily average. The ERF resumed processing waste shortly afterwards.
- On 13<sup>th</sup> and 14<sup>th</sup> Line 1 stopped processing waste for a number of hours following a blockage within the flue gas treatment facility.
- Line 1 experienced a blockage in the ash discharge system in the late morning of 19<sup>th</sup>. The line was brought off-line in accordance with the Permit to enable the blockage to be removed resulting in no daily average. Line 1 was brought back into full operation just after midnight on the 20<sup>th</sup>.

#### **Dragana Andesilic**

Environment, Health and Safety Manager at Beddington ERF

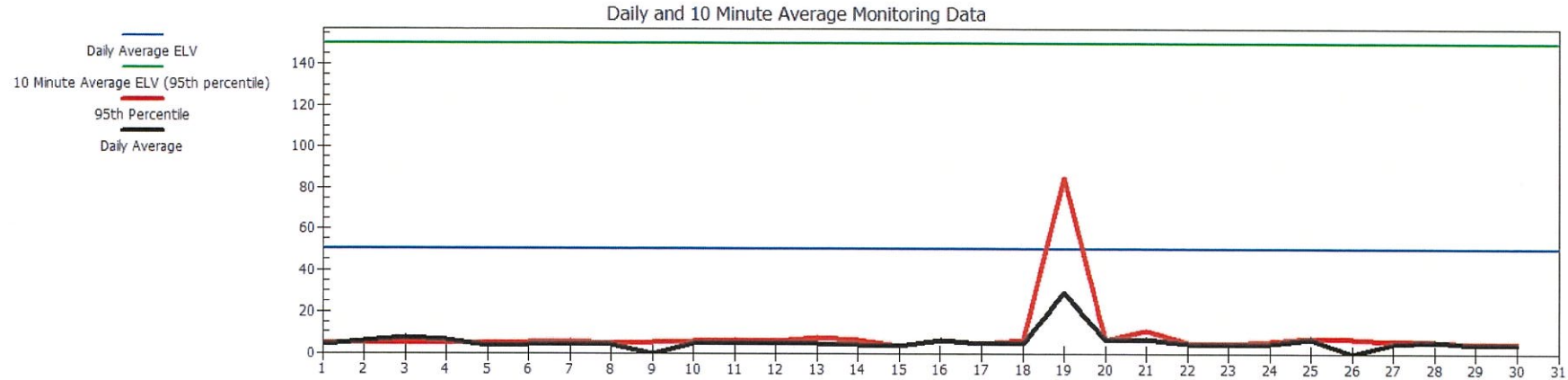
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 4 / 23/07/13 [A2]

**Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A2 For the month of September 2024**



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	896	Maximum 10 Minute average	58	252	386	201	14	32	18	58	135	51	11	13	19	22	21	266	75	73	896	200	136	38	37	7	266	32	19	215	44	13
	Monthly 95th Percentile	86	95th Percentile	5	5	5	5	5	5	6	4	5	6	6	6	8	6	4	6	5	6	86	6	11	5	5	6	7	7	6	6	5	5
	Monthly minimum	2	Minimum 10 Minute average	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2	3	4	3	3	3	3
	Total Invalid results	31	No of Invalid results	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
			Number of results above 150mg/m <sup>3</sup>	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	1	0	0	0	0	1	0	0	1	0	0
		0	95th Percentile 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
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	4	6	7	6	4	4	4	4	N/A	5	5	4	5	4	3	6	5	5	30	6	7	5	4	4	7	N/A	5	6	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?	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.....*D. Andesalić*.....  
 (Authorised to sign as a representative of the Operator)

Date.....*1.10.2024*.....

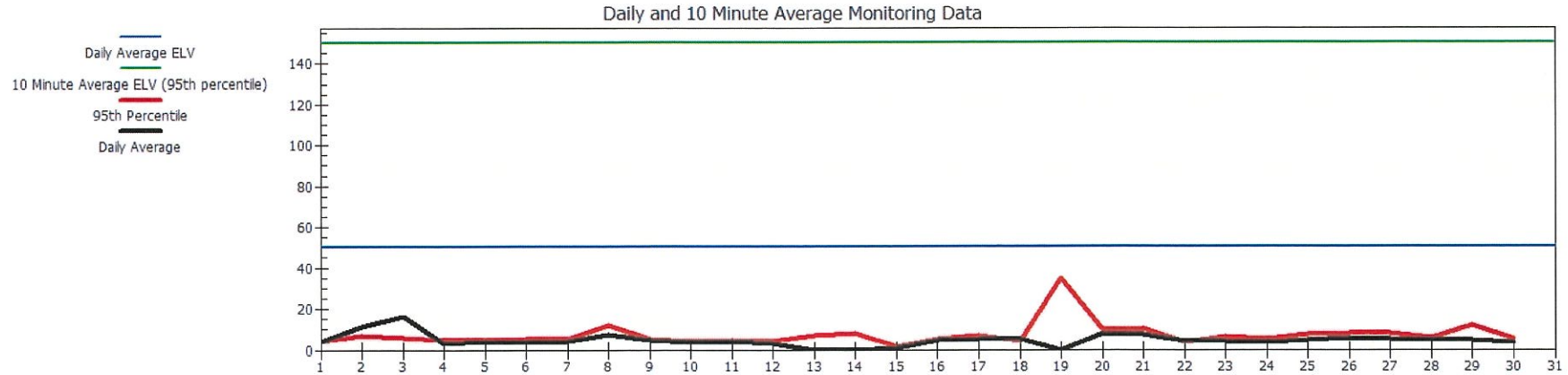
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 4 / 23/07/13 [A1]

**Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A1 For the month of September 2024**



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	1533	Maximum 10 Minute average	145	162	153	11	111	31	94	439	117	109	100	33	146	95	48	270	105	313	760	450	282	123	53	7	28	60	11	92	63	8	
	Monthly 95th Percentile	35	95th Percentile	4	7	6	5	5	5	5	12	5	4	5	4	7	8	1	5	7	4	35	10	10	3	7	5	7	8	8	6	12	5	
	Monthly minimum	0	Minimum 10 Minute average	1	1	2	1	2	2	0	1	2	2	1	1	2	0	0	0	2	1	2	2	2	0	2	1	3	3	3	2	1	1	
	Total Invalid results	32	No of Invalid results	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
			Number of results above 150mg/m <sup>3</sup>	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	5	1	2	0	0	0	0	0	0	0	0	0	0
		Sum of Exceedances of 95th percentile ELV	0																															
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	16	Daily average	4	11	16	3	4	3	4	7	5	4	4	3	N/A	N/A	1	4	5	5	N/A	8	7	4	4	4	5	6	5	4	5	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?	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.....*D. Andešić*.....  
 (Authorised to sign as a representative of the Operator)

Date.....*1.10.2024*.....

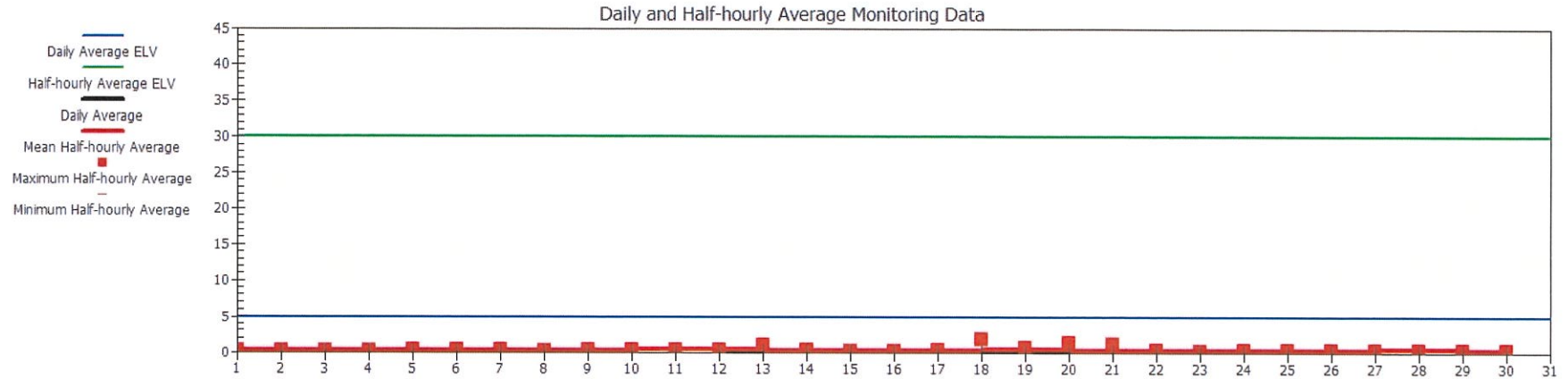
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 1 / 23/07/13 [A2]

**Reporting of Continuously Monitored Emissions to Air for Particulates mg/m3 at Emission Point A1 For the month of September 2024**



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		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	30.0			
	Monthly maximum	1.7	Maximum Half-hourly average		0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.9	0.4	0.3	0.3	0.4	1.7	0.7	1.4	1.1	0.3	0.3	0.3	0.5	0.4	0.4	0.4	0.4	0.3		
	Monthly mean	0.3	Mean Half-hourly average		0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
	Monthly minimum	0.2	Minimum Half-hourly average		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
	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
	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
Daily average		Daily average ELV	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0		
	Monthly maximum	0.4	Daily average		0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	N/A	N/A	0.3	0.3	0.3	0.4	N/A	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		
	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	Y	
	Sum of exceedances	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

Signed: *D. Androsic*

Date: *1. 10. 2024*

(Authorised to sign as a representative of the Operator)

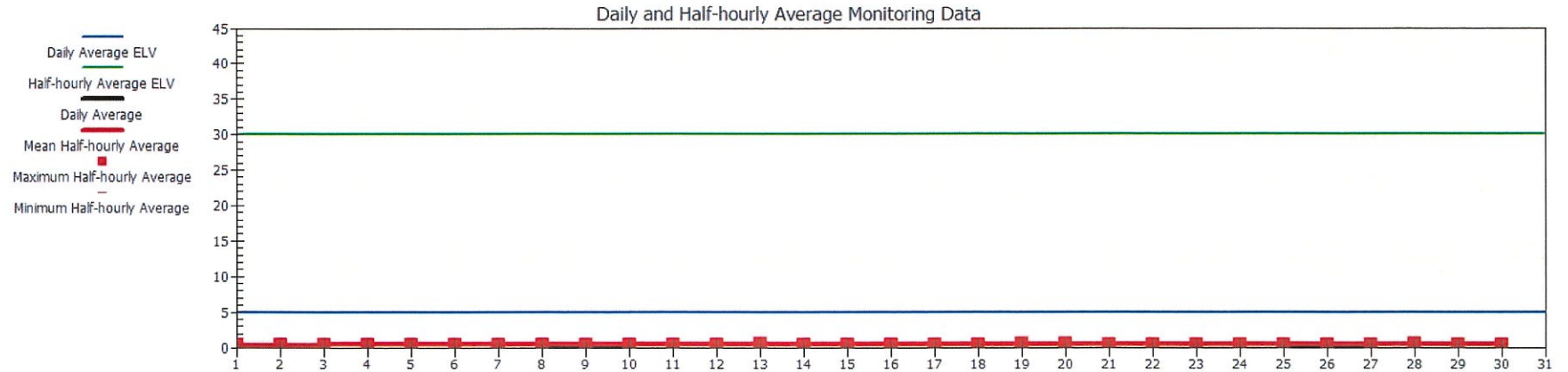
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 1 / 23/07/13 [A2]

## Reporting of Continuously Monitored Emissions to Air for Particulates mg/m<sup>3</sup> at Emission Point A2 For the month of September 2024



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		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	30.0
	Monthly maximum	0.5	Maximum Half-hourly average	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4
	Monthly mean	0.4	Mean Half-hourly average	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
	Monthly minimum	0.3	Minimum Half-hourly average	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3
	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
	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
Daily average		Daily average ELV	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
	Monthly maximum	0.4	Daily average	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	N/A	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.4	N/A	0.4	0.4	0.4	0.4	
	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?	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..... *D. Indesible* .....

Date..... *1.10.2024* .....

(Authorised to sign as a representative of the Operator)

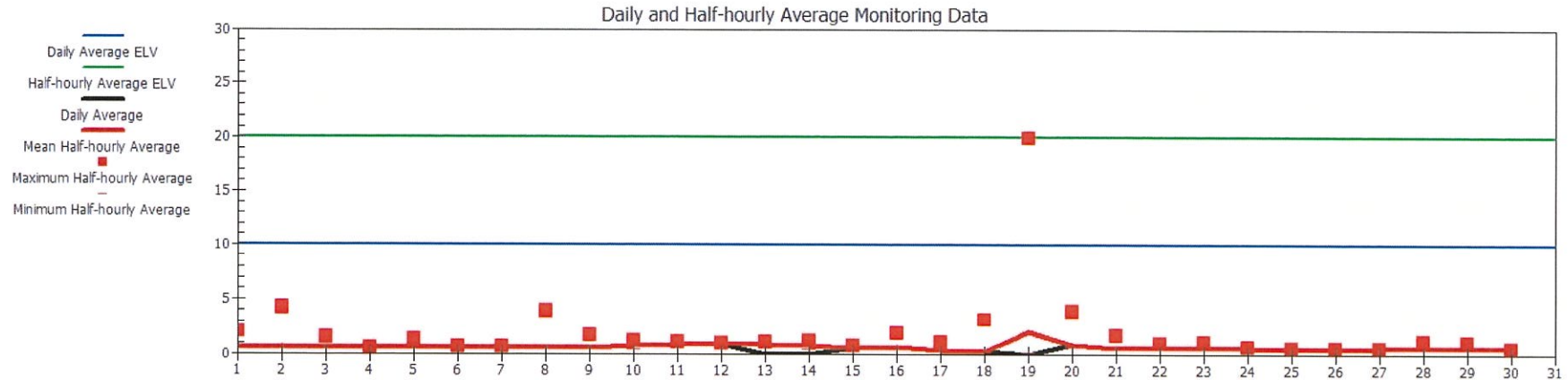
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 2 / 23/07/13 [A1]

### Reporting of Continuously Monitored Emissions to Air for VOC mg/m3 at Emission Point A1 For the month of September 2024



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		Half-hourly average ELV	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	
	Monthly maximum	20.0	Maximum Half-hourly average	2.1	4.2	1.5	0.6	1.3	0.7	0.7	4.0	1.7	1.2	1.1	1.0	1.1	1.3	0.8	1.9	1.1	3.2	20.0	3.9	1.8	1.0	1.1	0.7	0.6	0.6	0.6	1.2	1.1	0.6	
	Monthly mean	0.7	Mean Half-hourly average	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.8	0.9	0.9	0.9	0.8	0.6	0.6	0.3	0.3	2.1	0.9	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5	
	Monthly minimum	0.2	Minimum Half-hourly average	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.8	0.8	0.5	0.5	0.5	0.2	0.2	0.2	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	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
	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
Daily average		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	
	Monthly maximum	0.9	Daily average	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.8	0.9	0.9	N/A	N/A	0.6	0.6	0.3	0.3	N/A	0.9	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5	
	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?	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: *D. Andesilic*

Date: *1.10.2024.*

(Authorised to sign as a representative of the Operator)

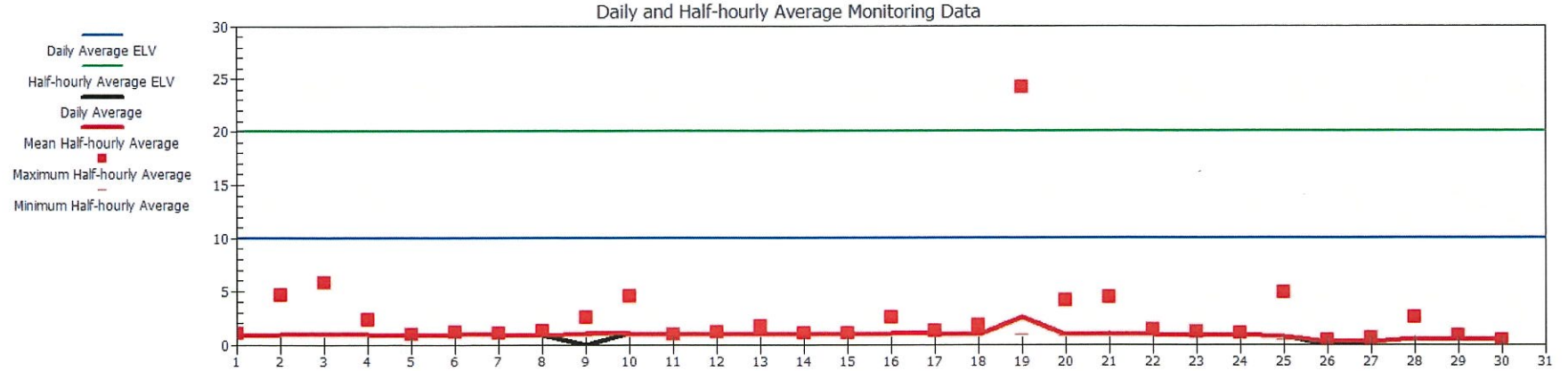
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 2 / 23/07/13 [A2]

**Reporting of Continuously Monitored Emissions to Air for VOC mg/m3 at Emission Point A2 For the month of September 2024**



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		Half-hourly average ELV	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	
	Monthly maximum	24.2	Maximum Half-hourly average	1.1	4.7	5.8	2.4	1.0	1.2	1.1	1.3	2.6	4.6	1.0	1.2	1.8	1.1	1.1	2.6	1.3	1.9	24.2	4.1	4.4	1.4	1.2	1.1	4.9	0.5	0.7	2.6	0.9	0.5	
	Monthly mean	0.9	Mean Half-hourly average	0.9	1.0	1.0	1.0	0.9	0.9	1.0	0.9	1.1	1.0	0.9	1.0	1.1	1.0	1.0	1.1	1.1	1.0	2.5	1.0	1.1	1.0	0.9	1.0	0.8	0.2	0.3	0.5	0.5	0.5	
	Monthly minimum	0.0	Minimum Half-hourly average	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.7	0.7	0.4	0.0	0.0	0.4	0.4	0.4	
	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
	Sum of exceedances	3	No of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Daily average		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	
	Monthly maximum	2.5	Daily average	0.9	1.0	1.0	1.0	0.9	0.9	1.0	0.9	N/A	1.0	0.9	1.0	1.1	1.0	1.0	1.1	1.1	1.0	2.5	1.0	1.1	1.0	0.9	1.0	0.8	N/A	0.3	0.5	0.5	0.5	
	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?	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... *D. Indesible* .....

Date... *1. 10. 2024* .....

(Authorised to sign as a representative of the Operator)

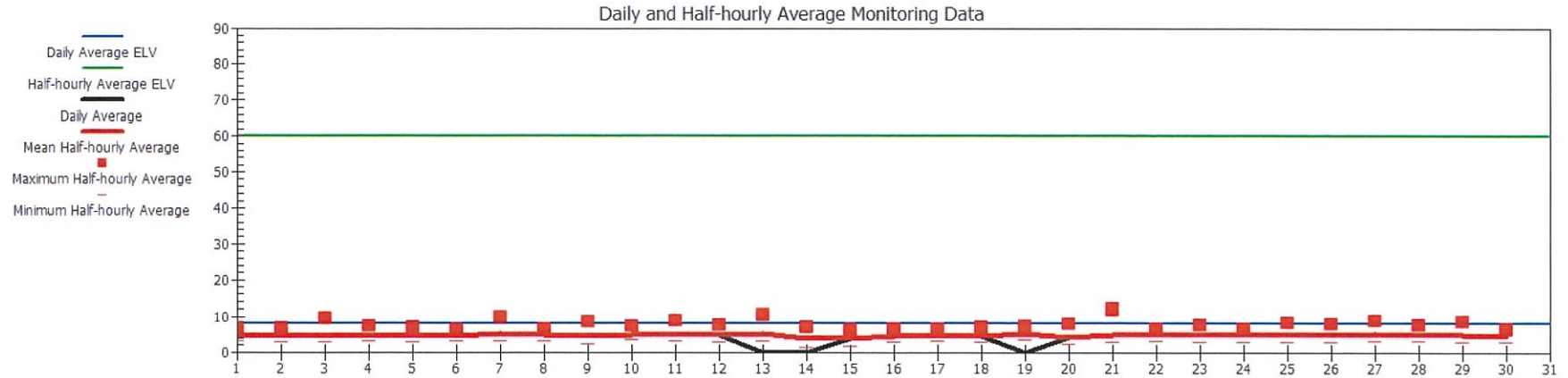
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 3 / 23/07/13 [A1]

**Reporting of Continuously Monitored Emissions to Air for HCl mg/m3 at Emission Point A1 For the month of September 2024**



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		Half-hourly average ELV	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 maximum	11.9	Maximum Half-hourly average	6.9	6.6	9.5	7.5	7.0	6.0	10.0	6.5	8.5	7.5	8.9	7.7	10.5	7.2	6.2	6.4	6.4	7.1	7.5	7.9	11.9	6.6	7.6	6.6	8.3	8.1	8.8	7.8	8.8	6.4	
	Monthly mean	4.7	Mean Half-hourly average	4.6	4.5	4.6	4.5	4.5	4.5	5.1	4.8	4.6	5.0	4.8	4.9	5.1	3.8	4.0	4.6	4.7	4.7	5.2	4.4	4.7	5.0	4.9	4.9	4.7	4.7	5.3	4.8	5.0	4.5	
	Monthly minimum	1.5	Minimum Half-hourly average	3.2	2.9	3.1	3.4	3.1	3.4	3.2	3.4	2.3	3.6	3.3	3.1	3.3	1.5	1.8	2.9	3.3	3.0	3.7	2.5	2.9	3.4	3.0	3.0	3.1	3.0	3.2	3.4	3.1	3.0	
	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
	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
Daily average		Daily average ELV	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
	Monthly maximum	5.3	Daily average	4.6	4.5	4.6	4.5	4.5	4.5	5.1	4.8	4.6	5.0	4.8	4.9	N/A	N/A	4.0	4.6	4.7	4.7	N/A	4.4	4.7	5.0	4.9	4.9	4.7	4.7	5.3	4.8	5.0	4.5	
	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?	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 D. Andesols

Date 1. 10. 2024

(Authorised to sign as a representative of the Operator)



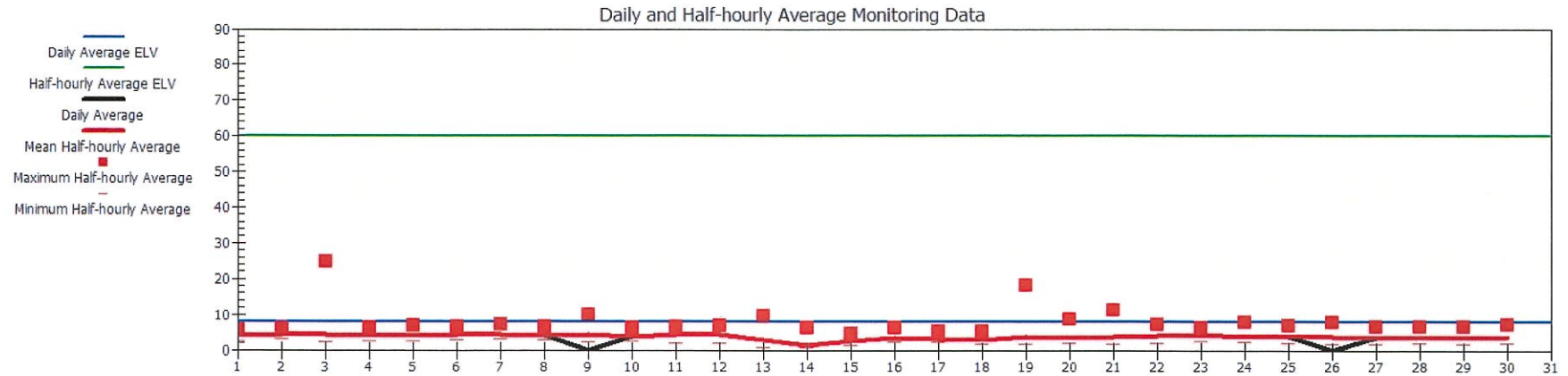
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 3 / 23/07/13 [A2]

### Reporting of Continuously Monitored Emissions to Air for HCl mg/m3 at Emission Point A2 For the month of September 2024



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		Half-hourly average ELV	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	60.0
	Monthly maximum	25.1	Maximum Half-hourly average	5.9	6.2	25.1	6.5	7.1	6.7	7.5	6.6	10.1	6.4	6.6	6.9	9.8	6.4	4.7	6.5	5.6	5.5	18.3	8.9	11.4	7.4	6.5	7.9	7.2	8.0	6.8	6.8	6.6	7.5
	Monthly mean	3.9	Mean Half-hourly average	4.2	4.4	4.5	4.3	4.2	4.5	4.5	4.3	4.5	3.9	4.5	4.7	3.1	1.5	2.7	3.5	3.3	3.1	4.0	3.6	4.0	4.3	4.5	4.1	4.0	3.8	3.7	3.6	3.7	3.9
	Monthly minimum	0.8	Minimum Half-hourly average	2.5	3.3	2.3	2.7	2.6	2.9	3.3	3.1	2.4	2.7	2.1	2.1	0.8	0.9	1.5	2.4	2.3	1.8	1.8	1.9	1.8	2.1	2.7	2.2	2.1	1.6	1.9	1.9	1.7	1.9
	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
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
Daily average		Daily average ELV	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	Monthly maximum	4.7	Daily average	4.2	4.4	4.5	4.3	4.2	4.5	4.5	4.3	N/A	3.9	4.5	4.7	3.1	1.5	2.7	3.5	3.3	3.1	4.0	3.6	4.0	4.3	4.5	4.1	4.0	N/A	3.7	3.6	3.7	3.9
	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?	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.....*D. Andesilic*.....

Date.....*1. 10. 2024*.....

(Authorised to sign as a representative of the Operator)

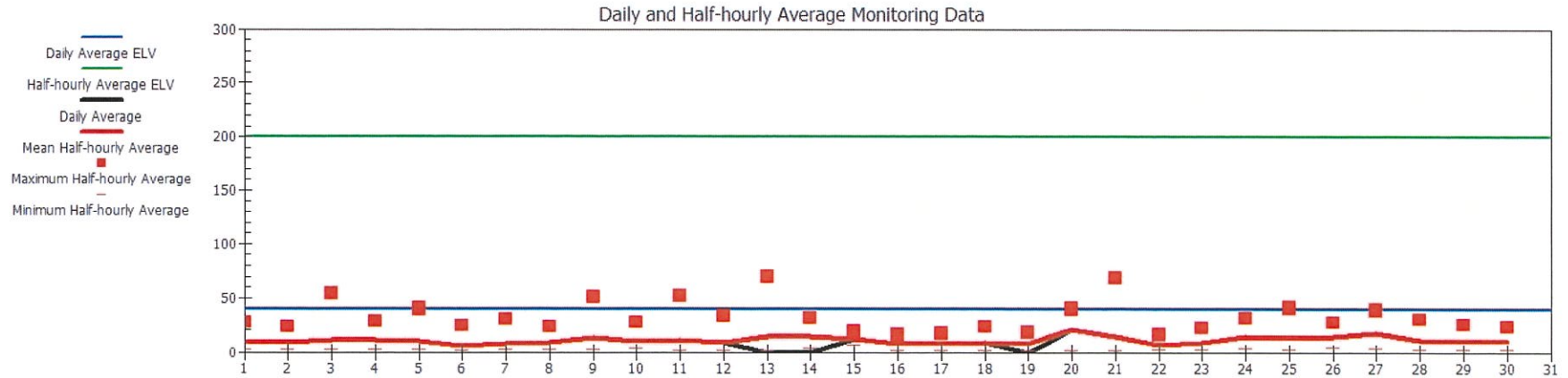
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 5 / 23/07/13 [A1]

**Reporting of Continuously Monitored Emissions to Air for SO2 mg/m3 at Emission Point A1 For the month of September 2024**



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		Half-hourly average ELV	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	
	Monthly maximum	69.8	Maximum Half-hourly average	27.5	24.0	54.2	28.6	40.7	24.7	30.6	23.2	51.1	27.3	51.7	34.3	69.8	31.8	19.8	16.4	17.1	24.0	17.9	39.8	68.5	15.7	22.5	32.0	40.8	27.3	38.7	30.7	25.1	23.8	
	Monthly mean	10.8	Mean Half-hourly average	9.5	9.4	11.2	10.6	10.4	5.7	7.4	8.7	13.3	9.8	10.9	8.7	13.9	13.7	11.7	7.9	7.7	8.5	7.4	20.5	13.9	6.6	8.4	14.2	12.9	13.7	17.3	10.5	10.4	9.7	
	Monthly minimum	1.2	Minimum Half-hourly average	2.3	2.5	2.8	2.6	2.4	1.9	2.2	3.1	2.2	3.4	1.5	1.3	1.2	3.3	6.4	2.1	1.9	1.8	1.6	1.2	1.4	2.2	2.2	3.3	2.8	4.4	4.1	2.6	2.1	2.1	
	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
	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
Daily average		Daily average ELV	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	
	Monthly maximum	20.5	Daily average	9.5	9.4	11.2	10.6	10.4	5.7	7.4	8.7	13.3	9.8	10.9	8.7	N/A	N/A	11.7	7.9	7.7	8.5	N/A	20.5	13.9	6.6	8.4	14.2	12.9	13.7	17.3	10.5	10.4	9.7	
	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?	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 D. Andeslic

Date 1.10.2024

(Authorised to sign as a representative of the Operator)

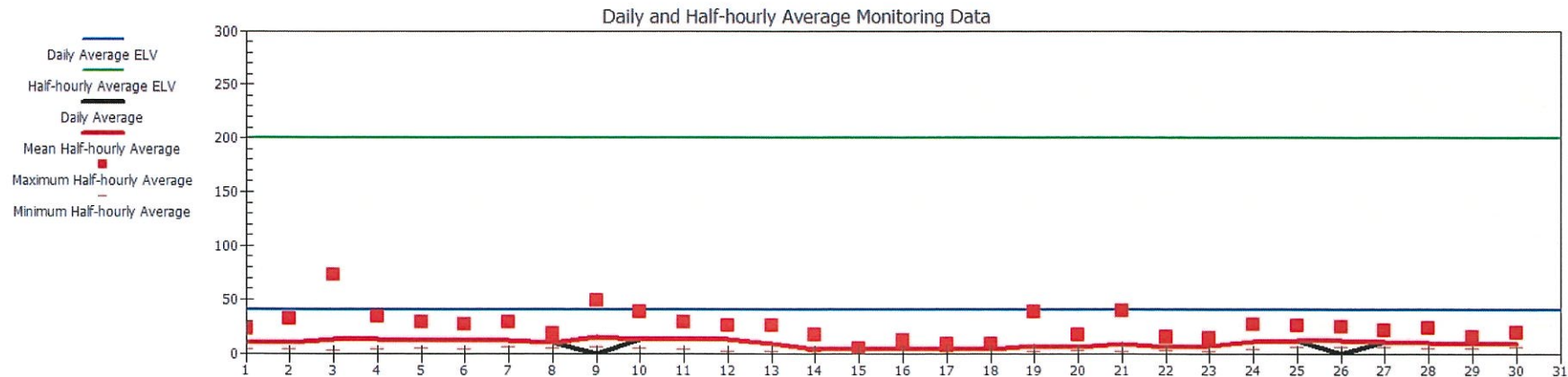
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 5 / 23/07/13 [A2]

### Reporting of Continuously Monitored Emissions to Air for SO2 mg/m3 at Emission Point A2 For the month of September 2024



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		Half-hourly average ELV	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0		
	Monthly maximum	72.3	Maximum Half-hourly average	22.5	31.7	72.3	34.2	28.3	26.9	28.8	18.7	49.0	38.2	28.5	25.7	25.2	17.1	5.1	11.7	8.8	8.9	38.0	16.8	39.5	15.3	14.2	26.1	25.5	24.5	21.4	23.0	14.9	19.1	
	Monthly mean	9.3	Mean Half-hourly average	9.6	9.5	12.5	12.7	11.8	11.8	12.1	9.7	15.5	12.9	12.9	12.6	8.4	3.2	3.5	3.8	4.0	4.1	6.6	6.0	9.3	6.3	6.5	10.9	11.9	11.7	10.6	9.5	8.9	8.8	
	Monthly minimum	1.5	Minimum Half-hourly average	4.2	3.2	2.9	3.6	4.7	4.1	6.1	4.2	5.8	4.8	3.6	1.9	1.7	2.1	2.4	2.2	1.9	2.2	1.5	2.2	1.9	2.4	1.9	3.9	6.2	6.2	5.9	4.6	4.9	5.5	
	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
	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
Daily average		Daily average ELV	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	
	Monthly maximum	12.9	Daily average	9.6	9.5	12.5	12.7	11.8	11.8	12.1	9.7	N/A	12.9	12.9	12.6	8.4	3.2	3.5	3.8	4.0	4.1	6.6	6.0	9.3	6.3	6.5	10.9	11.9	N/A	10.6	9.5	8.9	8.8	
	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?	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 D. Indesilic

Date 1.10.2024

(Authorised to sign as a representative of the Operator)

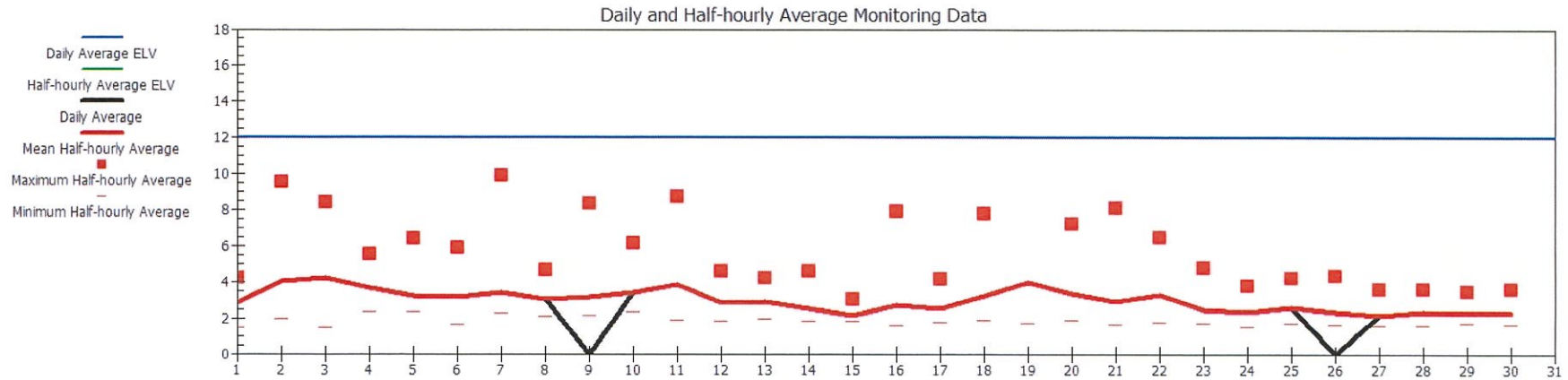
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR A2 - Ammonia

**Reporting of Continuously Monitored Emissions to Air for NH3 mg/m3 at Emission Point A2 For the month of September 2024**



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	20.9	Maximum Half-hourly average	4.2	9.5	8.4	5.5	6.4	5.9	10.0	4.7	8.4	6.2	8.7	4.6	4.2	4.6	3.0	7.9	4.2	7.8	20.9	7.2	8.1	6.5	4.8	3.8	4.2	4.4	3.6	3.6	3.5	3.6	
	Monthly mean	3.0	Mean Half-hourly average	2.8	4.0	4.2	3.7	3.2	3.2	3.4	3.1	3.2	3.4	3.8	2.8	2.9	2.5	2.2	2.7	2.6	3.2	4.0	3.3	2.9	3.3	2.5	2.3	2.6	2.4	2.2	2.3	2.3	2.3	
	Monthly minimum	1.5	Minimum Half-hourly average	1.5	2.0	1.5	2.4	2.3	1.6	2.3	2.1	2.1	2.3	1.9	1.9	2.0	1.8	1.8	1.6	1.8	1.9	1.8	1.9	1.7	1.8	1.7	1.5	1.7	1.6	1.6	1.6	1.7	1.6	
	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
	Sum of exceedances	0	No of exceedances of ELV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Daily average	Monthly maximum	4.2	Daily average	2.8	4.0	4.2	3.7	3.2	3.2	3.4	3.1	N/A	3.4	3.8	2.8	2.9	2.5	2.2	2.7	2.6	3.2	4.0	3.3	2.9	3.3	2.5	2.3	2.6	N/A	2.2	2.3	2.3	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	Y	Y	
Sum of exceedances		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	
			Daily average ELV	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0

Signed: *D. Andesilic*

Date: *1. 10. 2024*

(Authorised to sign as a representative of the Operator)

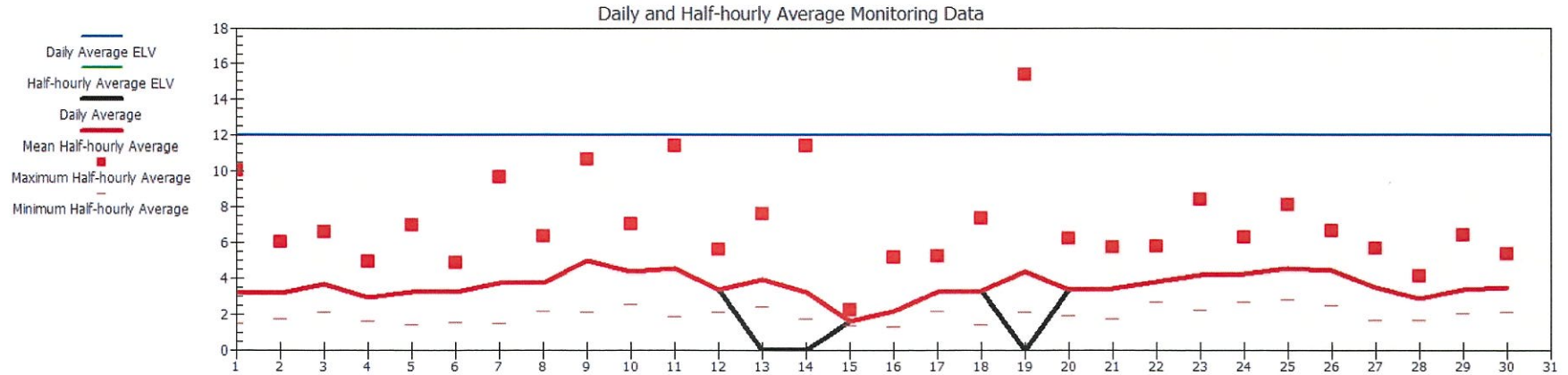
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR A1 - Ammonia

**Reporting of Continuously Monitored Emissions to Air for NH3 mg/m3 at Emission Point A1 For the month of September 2024**



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		Half-hourly average ELV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Monthly maximum	15.4	Maximum Half-hourly average	10.1	6.1	6.6	4.9	7.0	4.9	9.7	6.3	10.7	7.1	11.5	5.6	7.6	11.5	2.2	5.2	5.3	7.4	15.4	6.2	5.8	5.8	8.5	6.3	8.2	6.7	5.7	4.1	6.4	5.4
	Monthly mean	3.6	Mean Half-hourly average	3.2	3.2	3.7	2.9	3.2	3.2	3.7	3.7	5.0	4.3	4.6	3.3	3.9	3.2	1.6	2.2	3.2	3.3	4.4	3.3	3.4	3.8	4.2	4.2	4.5	4.4	3.5	2.9	3.3	3.5
	Monthly minimum	1.3	Minimum Half-hourly average	1.5	1.7	2.1	1.6	1.4	1.6	1.5	2.2	2.1	2.5	1.9	2.1	2.4	1.7	1.3	1.3	2.1	1.4	2.1	1.9	1.7	2.6	2.3	2.6	2.8	2.5	1.7	1.6	2.0	2.1
	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
	Sum of exceedances	0	No of exceedances of ELV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Daily average		Daily average ELV	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	
	Monthly maximum	5.0	Daily average	3.2	3.2	3.7	2.9	3.2	3.2	3.7	3.7	5.0	4.3	4.6	3.3	N/A	N/A	1.6	2.2	3.2	3.3	N/A	3.3	3.4	3.8	4.2	4.2	4.5	4.4	3.5	2.9	3.3	3.5
	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?	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 D. Andesilić

Date 1.10.2024

(Authorised to sign as a representative of the Operator)

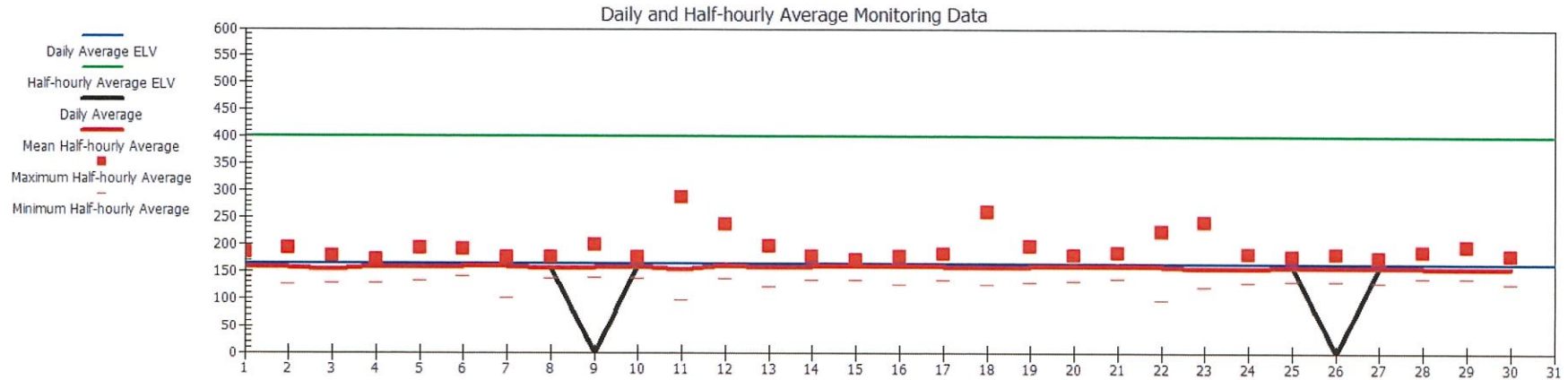
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 6 / 23/07/13 [A2]

### Reporting of Continuously Monitored Emissions to Air for NOx mg/m3 at Emission Point A2 For the month of September 2024



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	287	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	
	Monthly maximum	287	Maximum Half-hourly average	184	193	179	173	193	190	176	176	199	177	287	238	198	179	173	179	182	260	197	181	185	224	242	183	179	183	177	187	197	181	
	Monthly mean	158	Mean Half-hourly average	160	158	153	159	157	161	160	155	159	161	154	161	158	161	160	159	160	157	160	159	162	160	155	157	160	159	159	158	155	158	
	Monthly minimum	98	Minimum Half-hourly average	141	126	130	129	132	142	102	138	138	138	98	137	122	134	134	126	135	127	132	132	137	98	122	130	133	132	131	138	138	128	
	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
	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
Daily average	Monthly maximum	162	Daily average ELV	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165		
	Monthly maximum	162	Daily average	160	158	153	159	157	161	160	155	N/A	161	154	161	158	161	160	159	160	157	160	159	162	160	155	157	160	N/A	159	158	155	158	
	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?	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... *D. Andesilic* .....

Date... *1.10.2024* .....

(Authorised to sign as a representative of the Operator)

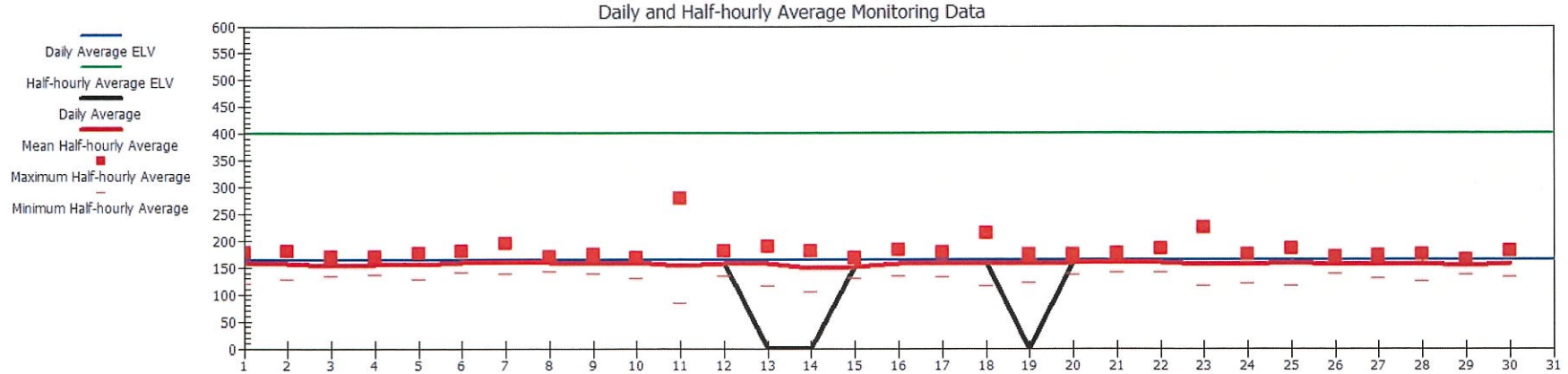
Permit Reference Number : EPR / TP3836CT

Operator : Viridor

Installation: Beddington

Form Number: AIR 6 / 23/07/13 [A1]

**Reporting of Continuously Monitored Emissions to Air for NOx mg/m3 at Emission Point A1 For the month of September 2024**



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		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 maximum	279	Maximum Half-hourly average	180	181	170	171	177	180	196	171	174	168	279	181	189	180	169	182	179	213	174	175	177	185	225	174	184	170	173	176	164	180	
	Monthly mean	157	Mean Half-hourly average	159	158	154	157	155	160	160	159	158	159	155	159	157	150	152	158	159	158	158	160	160	161	155	155	159	155	155	157	153	159	
	Monthly minimum	85	Minimum Half-hourly average	121	128	134	137	129	141	138	144	139	130	85	134	117	106	131	136	133	115	122	138	141	141	116	121	117	138	131	125	137	134	
	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
	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
Daily average		Daily average ELV	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	
	Monthly maximum	161	Daily average	159	158	154	157	155	160	160	159	158	159	155	159	N/A	N/A	152	158	159	158	N/A	160	160	161	155	155	159	155	155	157	153	159	
	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?	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... *D. Andesitic* .....

Date... *1.10.2024* .....

(Authorised to sign as a representative of the Operator)