

Permit Number: VP3132LJ

Operator: Maxibrite Limited

Installation: Mwyndy Solid Fuel Briquette Manufacturer

Form Number: Water1 / 15/06/07

Reporting of emissions to water (other than to sewer) for the period from 01/10/2023 to 31/12/2023

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Test Method [2]	Result [1]	Sample Date and Times [3]	Uncertainty [4]	Weather Conditions
W1 on site plan in schedule 2	Temperature	28°C	Spot sample	TK digital thermometer, with K-type connection.	16.2	19/10@14:00	+/- 0.59 °C	Dry
					12.1	24/10@12:30		Dry
					12.0	31/10@10:12		Rain
					8.9	02/11@11:15		Light Rain
					9.2	07/11@09:42		Dry
					11.1	14/11@10:20		Heavy Showers
					10.6	23/11@11:03		Dry
					1.0	30/11@09:00		Dry
					8.8	07/12@12:37		Heavy Rain
					9.7	14/12@12:32		Dry
					11.4	21/12@13:35		Dry
W1 on site plan in schedule 2	pH	6-9	Spot sample	WTW 315i digital pH meter with Sentix 41 gel filled electrode, method based on SCA blue book 14 (method approved and accepted by EA).	6.24 – 7.30	19/10@14:00 17/10@13:30	+/- 0.02 pH units	Dry Dry
					6.84 – 6.95	24/10@12:30 26/10@09:30		Dry Dry
					7.13	31/10@10:12		Rain
					7.03	02/11@11:15		Light Rain
					7.16 - 7.20	09/11@10:20 07/11@09:42		Rain Dry
					7.31 – 7.98	14/11@10:20 16/11@13:08		Heavy Showers Dry
					7.81 – 7.99	23/11@11:03 21/11@12:10		Dry Dry
					7.52	30/11@09:00		Dry
					7.67 – 7.99	07/12@12:37 05/12@11:22		Heavy Rain Dry
					7.95 – 7.98	14/12@12:32 12/12@12:06		Dry Rain

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Test Method [2]	Result [1]	Sample Date and Times [3]	Uncertainty [4]	Weather Conditions
					7.94 – 7.96	19/12@09:30 21/12@13:35		Rain Dry
					7.66 – 7.98	27/12@11:58 29/12@08:48		Rain Rain
W1 on site plan in schedule 2	Ammonia (total as N)	7mg/l	Spot sample	ISO 7150-2 UKAS Accredited Laboratory/MCERTS (ALcontrol)	<0.2mg/l	31/10@10:12	+/- 4.9%	Rain
					<0.2mg/l	30/11@09:00	+/- 4.9%	Dry
					<0.2mg/l	19/12@09:30	+/- 4.9%	Rain
W1 on site plan in schedule 2	Total suspended solids	200 mg/l	Spot sample	BS EN872 UKAS Accredited Laboratory/MCE RTS (ALcontrol)	<2mg/l	31/10@10:12	+/- 1.96%	Rain
					<2mg/l	30/11@09:00	+/- 1.96%	Dry
					5.7mg/l	19/12@09:30	+/- 1.96%	Rain

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed 

(Authorised to sign as representative of Operator)

Date.....27/01/24.....

Permit Number: VP3132LJ

Operator: Maxibrite Limited

Installation: Mwyndy Solid Fuel Briquette Manufacturer

Form Number: Air1 / 20/10/10

Reporting of emissions to air for the period from 01/10/23 to 31/12/23

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1 [Point A1 on site plan in Schedule 2]	Particulate matter	100mg/m ³	Spot sample	-	BS EN 13284-1	-	-
A1 [Point A1 on site plan in Schedule 2]	Sulphur dioxide	75 mg/m ³	Spot sample	-	EA TGN M21:V1.1 Jan 2010 (AM for BS EN 14791)	-	-
A1 [Point A1 on site plan in Schedule 2]	Oxides of nitrogen	75 mg/m ³	Spot sample	-	BS EN 14792:2005	-	-
A9 [Point A9 on site plan in Schedule 2]	Particulate matter	45 mg/m ³	Spot sample	-	BS EN 13284-1	-	-

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed 

(Authorised to sign as representative of Operator)

Date.....27/01/24.....

Note : Dryer unit not used in Q4 of 2023