

Form Number: W1

Reporting of Emissions to Water (other than to Sewer) for the period from 30th September 2016 to 31st December 2016
(1st January 2016 to 31st December 2016 for metals)

Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation / Certification ^[4]	Uncertainty ^[5]
W2	Flow	10,000m ³ /day	5617	Continuous / cumulative – AAB flow meter	22 nd November	MCerts accredited	+/- 1.04 %
W2	Flow	126 litres/s	61.04	Spot – AAB flow meter	22 nd November	MCerts accredited	+/- 1.04 %
W2	pH	5 – 9 [6]	7.3 – 8.8	Continuous sample	7 th November – 27 th December	EA approved (IP 18)	+/- 0.05 pH
W2	Temperature	30°C	21.9	Continuous sample – knick in line meter	11 th November	EA approved (IP 18)	+/- 1 degree C
W2	BOD	200mg/l	13	SCA Blue Book 130 ISBN 0117522120	6 th and 20 th October	UKAS Lab 1314	20.1%
W2	COD	450mg/l	77	SCA Blue Book 97 ISBN 0117519154	23 rd October and 25 th December	UKAS Lab 1314	5.8%
W2	Suspended Solids	150mg/l	46	SCA Blue Book 105 ISBN 011751957X	9 th October and 6 th November	UKAS Lab 1314	19.7%
W2	Total cadmium & its compounds	0.005mg/l (as annual average)	0.0009	BS EN ISO 5961:1995, BS 6068-2.21:1995		UKAS Lab 1314	7.83%
W2	Total chromium & its compounds	0.015mg/l (as annual average)	0.0033	BS EN ISO 11885:1998, BS 6068-2.60:1998		UKAS Lab 1314	7.93%
W2	Total copper & its compounds	0.01mg/l (as annual average)	0.009	BS EN ISO 11885:1998, BS 6068-2.60:1998		UKAS Lab 1314	9.03%
W2	Total mercury & its compounds	0.0005mg/l (as annual average)	0.0001	BS EN ISO 11885:1998, BS 6068-2.60:1998		UKAS Lab 1314	11.5%
W2	Total nickel & its compounds	0.03mg/l (as annual average)	0.007	BS EN ISO 11885:1998, BS 6068-2.60:1998		UKAS Lab 1314	8.82%
W2	Total zinc & its compounds	0.07mg/l (as annual average)	0.05	BS EN ISO 11885:1998, BS 6068-2.60:1998		UKAS Lab 1314	9.85%
W2	Total arsenic & its compounds	0.025mg/l (as annual average)	0.002	BS EN 26595:1993, BS 6068-2.1:1983, ISO 6595-1985		UKAS Lab 1314	10.04%
W2	Total iron & its compounds	None (mg/l)	0.23	SCA Blue Book 163 ISBN 0117532444		UKAS Lab 1314	9.27%
W2	Total cadmium & its compounds	9150g	425	BS EN ISO 5961:1995, BS 6068-2.21:1995		UKAS Lab 1314	7.83%
W2	Total mercury & its compounds	915g	142	BS EN ISO 11885:1998, BS 6068-2.60:1998		UKAS Lab 1314	11.5%

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- [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. colorimetry.
- [3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.
- [4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.
- [5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different basis (basis as stated) – *{The basis of any other uncertainty figure needs to be stated. Where no figure is available the Agency will need to agree an appropriate uncertainty value.}*
- [6] The emission limit values for *{pH}* are expressed as *{minimum and maximum individual values}*.

Signed Kathryn Fowler.....
(authorised to sign as representative of the Operator)

Date.....23/1/2017

Permit Reference Number: BX72821S
Installation: InBev Magor Brewery

Operator: InBev UK Ltd

Permit Number: EPR/BX72821S
Facility: Magor Brewery
Date of form 19/07/11

Operator: Inbev UK Ltd
Form Number: Gas1

Reporting of biogas quality for the year 1st July 2016 to 31st December 2016

Parameter	Result (ppm)
Hydrogen sulphide content at outlet of hydrogen sulphide scrubber	200
Hydrogen sulphide content at entry to gas engine	200

The result given is the maximum result over the reporting period

Operator's comments :

Signed Kathryn Fowler Date 23/1/2017
(Authorised to sign as representative of Inbev UK Ltd)

