

Form Number: W1

Reporting of Emissions to Water (other than to Sewer) for the period from 1st September 2020 to 31st December 2020

(1st January 2020 to 31st December 2020 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	10,000m3/day	6727	Continuous / cumulative – AAB flow meter	19 th September	MCerts accredited	+/- 1.04 %
W2	Flow	126 litres/s	57.50	Spot – AAB flow meter	20 th September	MCerts accredited	+/- 1.04 %
W2	pH	5 – 9 ^[6]	8.7	Continuous sample	3rdSeptember	EA approved (IP 18)	+/- 0.05 pH
W2	Temperature	30°C	27.1	Continuous sample – knick in line meter	12 th September	EA approved (IP 18)	+/- 1 degree C
W2	BOD	200mg/l	25	SCA Blue Book 130 ISBN 0117522120	13 th September	UKAS Lab 1314	20.1%
W2	COD	450mg/l	76	SCA Blue Book 97 ISBN 0117519154	13 th September	UKAS Lab 1314	5.8%
W2	Suspended Solids	150mg/l	109	SCA Blue Book 105 ISBN 011751957X	29 th September	UKAS Lab 1314	19.7%
W2	Total cadmium & its compounds	0.005mg/l (as annual average)	0.00063	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)	0.000003	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)	0.003002	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)	0.00008	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)	0.00372	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)	0.05108	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)	0.000536	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)	0.3	SCA Blue Book 163 ISBN 0117532444		UKAS Lab 1314	9.27%
W2	Total cadmium & its compounds	9150g	836	BS EN ISO 5961:1995, BS 6068-2.21:1995		UKAS Lab 1314	7.83%
W2	Total mercury & its compounds	915g	104	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}.

SignedCarl Rogers.....
(authorised to sign as representative of the Operator)

Date.....29/01/2021.....