

Permit Number: EPR/EP3830GH

Operator: Liberty Steel UK Ltd

Facility: Liberty Steel Newport

Form Number: Water1 / 15/08/2016

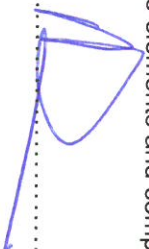
Reporting of emissions to water (other than to sewer) and land for the period from 01/10/2020 to 31/12/2020

Emission Point	Substance / Parameter	Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Total suspended solids	20 mg/l	Spot Sample	20	BS EN 872:1996 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	19/11/2020 14:00	10.13
W1	Total Hydrocarbons	5 mg/l	Spot Sample	1.31	SCA blue book 77 ISBN 0117517283 2002 or other ISO, BS or SCA blue book method as approved by Natural Resources Wales	29/10/2020 14:00	0.503
W1	pH	6-10	Spot Sample	10.7	BS 6068-2.50:1995 (ISO 10523:1994)	10/12/2020 14:00	9.0
W1	Lead	0.1 mg/l	Spot Sample	0.006	BS 6068-2.60:1998, BS EN ISO 11885 1998	10/12/2020 14:00	0.006
W1	Arsenic	0.1 mg/l	Spot Sample	0.004	BS 6068-2.60:1998, BS EN ISO 11885 1998	10/12/2020 14:00	0.003
W1	Cadmium	0.006 mg/l	Spot Sample	0.001	BS 6068-2.60:1998, BS EN ISO 11885 1998	29/10/2020 14:00	0.0009

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Chromium	0.2 mg/l	Spot Sample	0.016	BS 6068-2.60:1998, BS EN ISO 11885 1998	29/10/2020 14:00	0.011
W1	Nickel	0.1 mg/l	Spot Sample	0.004	BS 6068-2.60:1998, BS EN ISO 11885 1998	10/12/2020 14:00	0.005
W1	Copper	0.1 mg/l	Spot Sample	0.009	BS 6068-2.60:1998, BS EN ISO 11885 1998	29/10/2020 14:00	0.26
W1	Mercury	-	Spot Sample	0.00002	BS 6068-2.60:1998, BS EN ISO 11885 1998	10/12/2020 14:00	0.00001
W1	Iron	5 mg/l	Spot Sample	0.23	BS 6068-2.74:2002, BS EN ISO 13506:2002	10/12/2020 14:00	0.219
W1	Zinc	0.5 mg/l	Spot Sample	0.018	BS 6068-2.60:1998, BS EN ISO 11885 1998	19/11/2020 14:00	0.029

- [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 Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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.
- [5] Metal include elements and compounds of Pb, As, Cd, Cr, Ni, Cu, Hg and Zn expressed as the metal and shall be individually reported

Signed



Date: 2nd February 2021