

Permit Number: EPR/BB3790FX

Operator: ALUK (GB) Limited

Facility: Chepstow Aluminium Treatment Plant Form Number: Water1 / 24/06/20

### Reporting of emissions to sewer for the period from 01/01/2023 to 31/03/2023

| Emission Point | Substance / Parameter | Emission Limit Value    | Reference Period | Result <sup>[1]</sup> | Test Method <sup>[2]</sup> | Sample Date and Times <sup>[3]</sup> | Uncertainty <sup>[4]</sup> |
|----------------|-----------------------|-------------------------|------------------|-----------------------|----------------------------|--------------------------------------|----------------------------|
| W1             | Oil and grease        | None visible            | Spot sample      | None visible          | Visual inspection          | 24/01/2023 09.00                     |                            |
| W1             | pH                    | Minimum 6,<br>Maximum 9 | Spot Sample      | Max 8.45<br>Min 6.68  | SCA Blue book 14           | 20/03/2023 08.00<br>20/02/2023 13:00 | 3%                         |
| W2             | Oil and grease        | None visible            | Spot Sample      | None visible          | Visual inspection          | 13/02/2023 17:37                     |                            |
| W2             | pH                    | Minimum 6,<br>Maximum 9 | Spot sample      | Max 8.78<br>Min 7.04  | SCA Blue book 14           | 20/03/2023 08.00<br>03/01/2023 07:55 | 4%                         |

[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.

Signed ..... Toby Ambler..... Date...11/04/2023.....

(Authorised to sign as representative of Operator)

Permit Number: EPR/BB3790FX

Operator: ALUK (GB) Limited

Facility: Chepstow Aluminium Treatment Plant Form Number: Sewer1 / 24/06/20

**Reporting of emissions to sewer for the period from 01/01/2023 to 31/03/2023**

| Emission Point | Substance / Parameter | Emission Limit Value    | Reference Period  | Result <sup>[1]</sup>    | Test Method <sup>[2]</sup>                        | Sample Date and Times <sup>[3]</sup> | Uncertainty <sup>[4]</sup> |
|----------------|-----------------------|-------------------------|-------------------|--------------------------|---------------------------------------------------|--------------------------------------|----------------------------|
| S1             | Aluminium             | 2.0 mg/L                | Weekly Average    | 0.9 mg/L                 | Wessex Water ISO 17025 Accreditation number 0905N | 09/01/2023 10:27:00                  | 3.19%                      |
| S1             | Flow                  | 144 m <sup>3</sup> /day | Daily flow        | 22.53m <sup>3</sup> /day | Flow Meter                                        | Flow Average                         | 7 %                        |
| S1             | pH                    | Minimum 6, Maximum 9    | Daily Max and min | Max 8.28 Min 6.9         | SCA Blue book 14                                  | 20/03/2023 08.00<br>17/02/2023 08:20 | .67%                       |

[5] 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.

[6] 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.

[7] 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.

[8] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Note- 23/08/2022 at 13.00hrs - NRW agreed to accept pH results using non MCERTS pH meter.

Signed ..... *Toby Ambler* ..... Date...*11/04/2023*.....  
(Authorised to sign as representative of Operator)