

Operator: AB Connectors Ltd

Permit Reference Number: BV7443IP

Installation: Abercynon Inorganics

Reporting of Emissions to Sewer for the period from JANUARY 2021 to MARCH 2021

Form Number: S1

| Emission Point | Substance or Parameter | Emission Limit Value | Result <sup>1</sup> | Test Method <sup>2</sup> | Sample Date and Times <sup>3</sup> | Accreditation/Certification <sup>4</sup> | Uncertainty <sup>5</sup> |
|----------------|------------------------|----------------------|---------------------|--------------------------|------------------------------------|------------------------------------------|--------------------------|
| T13            | Cadmium                | 10 µg/l              | Not in use          | DISPOSAL OF 8 LITRE      |                                    |                                          |                          |
| T1             | Maximum pH             | 3.0                  | 2.01                | CONTINUOUS MONITORING    | 19.1.2021                          |                                          |                          |
| T1             | Redox Potential        | 300 mV               | 206                 | CONTINUOUS MONITORING    | 5.1.2021                           |                                          |                          |
| T2             | Minimum pH             | 10.5                 | 10.75               | CONTINUOUS MONITORING    | 2.2.2021                           |                                          |                          |
| T2             | Redox Potential        | 300 mV               | 325                 | CONTINUOUS MONITORING    | 9.3.2021                           |                                          |                          |
| T5             | Minimum pH             | 9                    | 9.35                | CONTINUOUS MONITORING    | 5.3.2021                           |                                          |                          |
| T5             | Maximum pH             | 11                   | 10.32               | CONTINUOUS MONITORING    | 26.1.2021                          |                                          |                          |
| S1             | Flow                   | -                    |                     |                          |                                    |                                          |                          |
| S1             | Cadmium                | 0.05 mg/l            | 0.005               | NITRIC ACID DIGEST ICP   | 11.1.2021                          |                                          |                          |
| S1             | Cadmium                | 150 g/year           | 4.019               |                          |                                    |                                          |                          |
| S1             | Chromium (VI)          | 0.1 mg/l             | 0.092               | COLORIMETRY              | 29.3.2021                          |                                          |                          |
| S1             | Chromium               | 2 mg/l               | 0.5                 | NITRIC ACID DIGEST ICP   | 11.2.2021                          |                                          |                          |
| S1             | Copper                 | 2 mg/l               | 1.04                | AAS                      | 25.2.2021                          |                                          |                          |
| S1             | Nickel                 | 2 mg/l               | 0.90                | NITRIC ACID DIGEST ICP   | 11.2.2021                          |                                          |                          |
| S1             | Zinc                   | 2 mg/l               | 0.27                | AAS                      | 25.3.2021                          |                                          |                          |
| S1             | Free cyanide           | 1.0 mg/l             | 0.22                | COLORIMETRY              | 27.1.2021                          |                                          |                          |

<sup>1</sup> The result given is the maximum value (or 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

<sup>5</sup> The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....  
(Authorised to sign as representative of the Operator)

Date 12/7/2021