

**Permit Reference Number:** EPR/KP3135KV

**Operator:** The Royal Mint Ltd

**Facility:** The Royal Mint

**Form Number:** Sewer | 24/04/2023

**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: [1] | Test Method: [2]                                          | Sample Date and Times [3]                                                                                 | Uncertainty [4]                                                 |
|-----------------|--------------------------|-----------------------|-------------------|-------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| SI              | Free cyanide             | 0.2 mg/l              | Spot Sample       | <0.050 mg/l | Determination of Free Cyanide in water by Continuous Flow | All spot samples during the period.<br>16.01.23 – 07:00hrs<br>07.02.23 – 20:30hrs<br>14.03.23 - 01:00hrs  | UKAS =<br>Methodology<br>accredited to<br>ISO/IEC<br>17025:2017 |
| SI              | Copper and its compounds | 1.0 mg/l              | Spot Sample       | 0.0226 mg/l | Determination of Metals in water by ICP-OES               | 07.02.23 – 20:30hrs<br>spot sample.                                                                       | UKAS =<br>Methodology<br>accredited to<br>ISO/IEC<br>17025:2017 |
| SI              | pH                       | 6 – 11                | Spot Sample       | 8.8 – 9.3   | Determination of pH in water by pH meter.                 | 07.02.23 – 20:30hrs (8.8)<br>&<br>16.01.23 – 07:00hrs (9.3)<br>14.03.23 - 01:00hrs (9.3)<br>spot samples. | UKAS =<br>Methodology<br>accredited to<br>ISO/IEC<br>17025:2017 |

[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 .....  ..... Date 24<sup>th</sup> April 2023  
(Authorised to sign as representative of the Operator)