

Permit Reference Number: KP3135KV

Operator: The Royal Mint Ltd

Facility: The Royal Mint

Form Number: Sewer 1 05/01/15

Reporting of Emissions to Sewer for the period from: October to December 2014 (Quarter 4).

| Emission Point: | Substance/<br>Parameter:    | Emission<br>Limit Value: | Result: [1] | Test Method: [2]                                                                                             | Sample Date and<br>Times [3]                               | Accreditation /<br>Certification [4]                      |
|-----------------|-----------------------------|--------------------------|-------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|
| S1              | Free cyanide                | 3 mg/l                   | 0.206 mg/l  | Determined colorimetrically<br>by CF analyser                                                                | 21.10.14. 17.00hrs,<br>spot sample.                        | UKAS = Methodology<br>accredited to ISO/IEC<br>17025:2005 |
| S1              | Copper and its<br>compounds | 1.0 mg/l                 | 0.412 mg/l  | SX M ICPMS Routine or NM<br>M ICPMS Routine - Metals -<br>filtered, acid digested,<br>determined by<br>ICPMS | 21.10.14. 17.00hrs,<br>spot sample.                        | UKAS = Methodology<br>accredited to ISO/IEC<br>17025:2005 |
| S1              | pH                          | 6 - 11                   | 9.28 - 10.2 | SX I pH EC Turbidity or NM<br>I pH EC - pH, Conductivity,<br>Turbidity - automated<br>electrode probe        | 16.10.14. 14.00hrs &<br>21.10.14 17.00hrs<br>spot samples. | UKAS = Methodology<br>accredited to ISO/IEC<br>17025:2005 |

[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. gas chromatography.

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

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

Date 5<sup>th</sup> January 2015