

Permit Reference Number: KP3135KV

Operator: The Royal Mint Ltd

Facility: The Royal Mint

Form Number: Sewer 1 02/10/19

Reporting of Emissions to Sewer for the period from: July to September 2019 (Quarter 3).

Emission Point:	Substance / Parameter:	Emission Limit Value:	Result: [1]	Test Method: [2]	Sample Date and Times [3]	Accreditation / Certification [4]
S1	Free cyanide	3 mg/l	<0.005 mg/l	Determined colorimetrically by CF analyser	16.07.19. 19:25, 13.08.19. 13:30 & 10.09.19. 23:00 hrs Spot samples.	UKAS = Methodology accredited to ISO/IEC 17025:2005
S1	Copper and its compounds	1.0 mg/l	0.11 mg/l	SX M ICPMS Routine or NM M ICPMS Routine - Metals - filtered, acid digested, determined by ICPMS	13.08.19. 13:30 hrs Spot sample.	UKAS = Methodology accredited to ISO/IEC 17025:2005
S1	pH	6 – 11	8.6 – 10	SX I pH EC Turbidity or NM I pH EC - pH, Conductivity, Turbidity - automated electrode probe	10.09.19. 23:00 hrs & 16.07.19. 19:25 hrs Spot samples.	UKAS = Methodology accredited to ISO/IEC 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 2nd October 2019