

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	EPR/KP31353KV
Name of operator	The Royal Mint Limited
Location of Facility	Llantrisant Pontyclun
Time and date of detection	11:45 – 10/06/23

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/ source	S1 – Discharge to sewer
Parameter(s)	Copper and its compounds
Limit	1.0 mg/l
Measures value and uncertainty	Undetermined
Date and time of monitoring	10/06/23 - 11:45 and 17:30
Measures taken, or intended to be taken, to stop the emission	The discharge is batch-controlled sampling prior to discharge in the analytical laboratory using ICP, introduced as temporary control prior to further discharges.

Time periods for notification following detection of a breach of a limit

Parameter	
Copper (11:45 - 17:30) on 10/06/23.	Detected levels of copper at 1.14 – 1.09 ppm Maximum volume discharged 120,000 litres at 1.12 ppm copper.

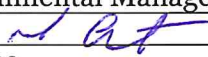
(c) Notification requirements for the detection of any significant adverse environmental effect

To be notified within 24 hours of detection

Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	On the 10/06/23 The Royal Mint's analytical laboratory tested a sample that was being discharged to sewer from the site's effluent treatment plant. The sample was detected to be above the environmental permit limit for copper and its compounds of 1 mg/l. Investigation identified that there was a fault on the atomic absorption spectrometer equipment used to test samples within the effluent treatment lab.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	On identification of the fault immediately samples prior to discharge were moved to testing via the analytical laboratory's ICP equipment. The defective parts on the AA equipment have been placed on order and the transfer back to the effluent treatment lab will only be undertaken following validation of the repaired equipment.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	The discharge is within acceptable limits in The Royal Mint's trade effluent discharge consent therefore the down stream water treatment facility could control the discharge before discharge to controlled waters.
The Dates of any unauthorised emissions from the facility in the preceding 24 months	19/12/22 - W1; Breach of chlorine discharge to river. 16/05/22 - S1; Discharge to Sewer from The Royal Mint Site for Free Cyanide. 29/07/21 – Fire from removal of bag filter on stack.

Name*	Martyn Grant
Post	Environmental Manager
Signature	
Date	12/06/23

*authorised to sign on behalf of The Royal Mint Limited