

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	KP31353KV
Name of operator	The Royal Mint Limited
Location of Facility	Llantrisant Pontyclun
Time and date of detection	03:10 15th February 2020

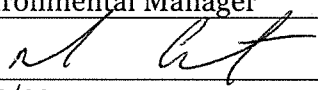
(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	15th February 2020 03:10
Reference or description of the location of the event	The tank farm area associated with the Royal Mint's effluent treatment plant.
Description of where any release into the environment took place	No release to the environment, all release captured by secondary containment but there was a potential for release to ground or controlled waters.
Substances(s) potentially released	15% Sulphuric Acid
Best estimate of the quantity or rate of release of substances	3,000 – 4,000 litres based on tank level readings.
Measures taken, or intended to be taken, to stop any emission	The tank and associated pipework were in a bunded area. Penstocks in the area were shut and DRAINTECTOR device on surface water system activated.
Description of the failure or accident.	There was a requirement to use pre diluted sulphuric acid due to failure of the onsite acid dilution plant. It was identified that a distribution duty stand by pump on the tank was not functioning correctly. 03:00: The Shift Electrician went to the failed distribution duty stand by pump on tank 7 to retrieve the manufactures details for an online order of a replacement. 03:10: The Shift Electrician entered the effluent plant control room, and immediately informed the Team Leader that the acid distribution pipework was "spraying". 03:14: Penstocks 1 & 2 emergency stop activated locally, along with DRAINTECTOR device remotely from outside of the effluent plant office. 03:18 – Acid spray stopped. 03:19 – Closer inspection revealed that there was still 2m (7ft-ish) fountain of acid still coming from the distribution pipework from the head pressure of the tank. No obvious acid residue on the road, the penstocks were reopened along with the DRAINTECTOR device. The local distribution pump control panel isolated to prevent re-energising of pumps.

(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	
Parameter(s)	

Limit	
Measures value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	
Time periods for notification following detection of a breach of a limit	
Parameter	
Chlorine sampled monthly.	
(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.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Repairs to pipework completed by 10:55 15 th Feb 2020.
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	Bunds and surface drain systems in place and deployed as per incident description. Discharged solution pumped into T3 for collection by emergency tanker and offsite disposal.
The Dates of any unauthorised emissions from the facility in the preceding 24 months	04/11/18, 12/09/18 and 02/01/19

Name*	Martyn Grant
Post	Environmental Manager
Signature	
Date	17/02/20

*authorised to sign on behalf of The Royal Mint Limited