



Schedule 1 - Notification of abnormal emissions

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

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 PPC Regulations.

Part A

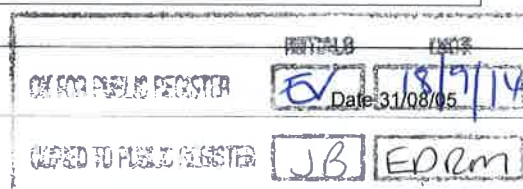
Permit Number	PP3834CB
Name of Operator	Morgan Advanced Materials
Location of Installation	Vauxhall Industrial Estate, Ruabon, Wrexham, LL14 6HY
Location of the emission	Roadway by the Effluent Treatment Plant
Time and date of the emission	14 th August 2014 ~14.00pm

Substance(s) emitted	Media	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Effluent containing lead oxide	Liquid	5-25L of waste effluent went down the waste water drain	5-15 minutes

Measures taken, or intended to be taken, to stop the emission	The incident:- The pipe work on the pre-treatment effluent treatment plant had become blocked in the morning. As a result of taking the pipe work apart to clean & clear the restriction/blockage the waste stream found its way down into the roadway & a small quantity managed to get into the drain before approved drain covers were placed over the manholes. Several employees using brushes were keeping the flow at bay and directing it towards the sump for the effluent treatment plant. Natural Resources Wales and Welsh Water were contacted to report the incident. Welsh Water initially stated they would have their waste water control officers and contracted waste water operations teams visit the site but to date this has not happened. A full investigation is being carried out to identify the root cause of the incident and to minimise/prevent the possibility of reoccurrence.
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Part B

Any more accurate information on the matters for notification under Part A.	On investigation it was found that the contractor had not assessed what effect disconnecting the pipework would have. If the pump in the sump had been turned off then the flow of effluent from the disconnected pipe would have been the residual effluent.
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Measures taken, or intended to be taken, to prevent a recurrence of the incident	The contractors are producing step by step guides for all 'what if' scenarios that may occur on the plant. When none routine maintenance is going to take place Morgan management will be informed and provided with an action plan. The individual contractor is undergoing further training by his employer on the potential effects of carrying out none routine maintenance.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	At the time of the incident, plastercine drain covers were placed over the manhole cover/drain in the area. All residual effluent was brushed back into the sump area of the effluent treatment plant. The roadway was washed down with water and this was brushed back into the sump area. .
The dates of any unauthorised emissions from the Permitted Installation in the preceding 24 months.	Jun 13 Sep 13 Feb 14

Name*	Kathleen Coward
Post	EHS Compliance Manager
Signature	
Date	10/09/2014

* authorised to sign on behalf of Morgan Advanced Materials