

01 MAY 2015

**PERMIT NUMBER BR9685IX
DOW CORNING LTD**

SCHEDULE 5 PART A INCIDENT NOTIFICATION

This information MUST be FAXED to the Environment Agency at the below FAX no. within 24 hr. of an incident occurring.

Revision Date: 08 June 2008

To:	Process Industry Inspector
FAO: Mr Tony Leakey	Environment Agency Rivers House St Mellons Business Park Fortran Road St Mellons Cardiff CF3 0EY
FAX No:	029 20362095
From:	Helen Gough
Name Of Operator	Dow Corning Limited
Location of Process:	Cardiff Road, Barry, Vale of Glamorgan
FAX No:	01446-749634
Telephone No:	01446-723842
Date Information Provided:	30 th April 2015

Part A

Permit Number	EPR/BR9685IX
Name of Operator	Dow Corning Ltd
Location of Facility	Barry, South Glamorgan, Wales
Time and Date of Detection	

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	
Date and time of event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substance(s) potentially released	
Best estimate of quantities or rate of release	
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																																															
Emission point reference source	Final Effluent, discharge point W1 to Cadoxton River																																														
Parameter(s)	Copper																																														
Limit	0.1mg/l 0.0098mg/l is the test tolerance																																														
Measured value and uncertainty	There have been 5 instances this quarter where the copper level in the final effluent discharge has been higher than the level stated in the permit and would take us outside the 95 percentile tolerance.																																														
Date and time of monitoring	06/04/2015	0.1127	contaminated sample																																												
	09/04/2015	0.1111	pump issues																																												
	10/04/2015	0.1237																																													
	28/04/2015	0.1160	solids carry over to																																												
	29/04/2015	0.1534	secondary waste water																																												
Measures taken, or intended to be taken, to stop the emission	An investigation was completed when we had out of spec results in early April. These were attributed to pump issues which have been rectified. Preliminary investigation into the recent excursion has highlighted an issue with solids carry over from primary to secondary waste water treatment due to clarifier bed lift which was a result of vac drums not running. These issues have been resolved but more detailed investigative work is ongoing. Sludge from secondary waste water treatment is returned to primary as part of standard operating procedures, this rate will be increased to ensure the secondary system has been cleaned through. Composite copper testing is usually ran Monday-Friday. Additional testing will be completed this weekend to ensure final effluent is within the permit allowance. Final Effluent is currently in spec. <table> <tr> <th>time</th><th>date</th><th>Copper</th><th>type</th></tr> <tr> <td>midnight</td><td>28/04/2015</td><td>0.1160</td><td>composite</td></tr> <tr> <td>7pm</td><td>28/04/2015</td><td>0.0783</td><td>grab</td></tr> <tr> <td>midnight</td><td>29/04/2015</td><td>0.1534</td><td>composite</td></tr> <tr> <td>8am</td><td>29/04/2015</td><td>vold</td><td>grab</td></tr> <tr> <td>12pm</td><td>29/04/2015</td><td>0.1368</td><td>grab</td></tr> <tr> <td>5pm</td><td>29/04/2015</td><td>0.0928</td><td>grab</td></tr> <tr> <td>8pm</td><td>29/04/2015</td><td>0.0400</td><td>grab</td></tr> <tr> <td>midnight</td><td>30/04/2015</td><td>0.0609</td><td>composite</td></tr> <tr> <td>midnight</td><td>30/04/2015</td><td>0.0700</td><td>grab</td></tr> <tr> <td>4am</td><td>30/04/2014</td><td>0.0500</td><td>grab</td></tr> </table>			time	date	Copper	type	midnight	28/04/2015	0.1160	composite	7pm	28/04/2015	0.0783	grab	midnight	29/04/2015	0.1534	composite	8am	29/04/2015	vold	grab	12pm	29/04/2015	0.1368	grab	5pm	29/04/2015	0.0928	grab	8pm	29/04/2015	0.0400	grab	midnight	30/04/2015	0.0609	composite	midnight	30/04/2015	0.0700	grab	4am	30/04/2014	0.0500	grab
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c) Notification requirements for the detection of any significant adverse environmental effect, to be notified within 24 hours.	
Description of where the effect on the environment was detected	
Substance(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B- to be submitted as soon as practicable

Any more information on the matters for notification under Part A	
Measure taken, or intended to be taken, to prevent a recurrence of the incident	
Measure 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 dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name	Helen Gough
Post	Environmental Team Leader
Signature	
Date	30/04/15