

PERMIT NUMBER BR9685IX

DOW SILICONES UK LTD

SCHEDULE 5 INCIDENT NOTIFICATION

To:	Process Industry Inspector
FAO: Mr Tony Leakey	Natural Resources Wales Rivers House St Mellons Business Park Fortran Road St Mellons Cardiff CF3 0EY
Phone	03000 65 3000
Email	icc@cyfoethnaturiolcymru.gov.uk
From:	Judith Sartor
Name Of Operator	Dow Silicones UK Limited
Location of Process:	Cardiff Road, Barry, Vale of Glamorgan
FAX No:	
Telephone No:	01446 723960
Email	judith.sartor@dow.com
Date Information Provided:	06/03/18

Part A

Permit Number	EPR/BR9685IX
Name of Operator	Dow Corning Ltd
Location of Facility	Barry, South Glamorgan, Wales
Time and Date of Detection	05/03/18 13:00

a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified immediately	
Date and time of event	03/03/18 23:59
Reference or description of the location of the event	Final effluent outlet to river W1
Description of where any release into the environment took place	Final effluent outlet to river W1
Substance(s) potentially released	Methanol
Best estimate of quantities or rate of release	60ppm (daily composite sample) for 4613 m3 of effluent (304kg Methanol)
Measures taken, or intended to be taken, to stop any emission	Grab samples were taken to monitor the situation. At this point the weather started to warm up and the methanol was no longer present in the final effluent.
Description of the failure or accident	Extreme cold weather caused failure of equipment at CHP plant, which caused shutdown of site processes. Wastewater treatment process continued to run, but feeds became cooler and we believe the cold may have affected the activity of the biomass in SWWT process, stopping it from removing all methanol from the incoming effluent. The online BOD meter did not alarm. The only indication of the excursion was the composite sample and a follow up grab sample. An RCI will be carried out to ascertain the causes.

b) Notification requirements for the breach of a permit condition	
To be notified immediately	
Emission point reference source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

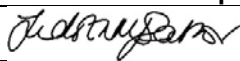
Measures taken, or intended to be taken, to stop the emission	
---	--

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

c) In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment: To be notified immediately	
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	Judith Sartor
Post	Environmental Specialist
Signature	
Date	6 th March 2018