PERMIT NUMBER BR9685IX
DOW CORNING LTD

SCHEDULE 5 PART A INCIDENT NOTIFICATION

This information MUST be FAXED to Natural Resources Wales at the below FAX no. within 24 hr. of an incident occurring.

Revision Date: 06 June 2006

To:	Process Industry Inspector
FAO: Mr Tony Leakey	Natural Resources Wales Rivers House St Mellons Business Park Fortran Road St Mellons Cardiff CF3 0EY
FAX No:	029 20362095
From: Name Of Operator Location of Process:	Judith Sartor Dow Corning Limited Cardiff Road, Barry, Vale of Glamorgan
FAX No:	01446-749634
Telephone No:	01446-723960
Date Information Provided:	11/07/2017

Part A

Permit Number	EPR/BR9685IX
Name of Operator	Dow Corning Ltd
Location of Facility	Barry, South Glamorgan, Wales
Time and Date of Detection	10/07/17

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	

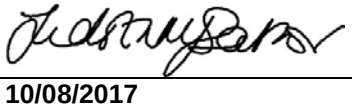
b) Notification requirements for the breach of a limit	
Emission point reference source	**Site cumulative – A12, A33, A34, A40**
Parameter(s)	**Chloromethane daily flowrate**
Limit	**1000 kg/day**
Measured value and uncertainty	**1060.49 kg/day**
Date and time of monitoring	**06/07/2017**
Measures taken, or intended to be taken, to stop the emission	**This exceedance of the permitted daily Chloromethane flowrate happened as one of the columns on W931 was started up after unplanned maintenance.** **This was not identified immediately due to an issue with the Chloromethane accumulator calculations.** **No hourly samples exceeded the hourly limit.**

	A root cause investigation will be carried out as to why this happened and measures put in place to prevent this from happening again. Further details will follow in Part B.

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	**A full root cause investigation has been carried out to establish the cause. This identified that whilst the meters and analysers appeared to be reading high MeCl to atmosphere, the reality was that the flow was being directed to another process where the MeCl was being removed prior to being vented to the waste gas energy recovery unit.** **As a result of this it has been calculated that there was <u>not an exceedance</u> of the Site Cumulative MeCl limit on 6th July 2017.** **The recommendations from the root cause investigation are focused on improvements to ensure that we are able to reliably calculate exactly how much we are venting at a point in time, with no need for additional consideration to other vent path routes.**
Measure taken, or intended to be taken, to prevent a recurrence of the incident	• **Improvement of procedures** • **Additional environmental awareness training for ops** • **Installation of additional flowmeter** • **Review environmental alarm messages and alarm points** • **Study to investigate whether this issue could occur on any other continuous vent point on site**
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	**10/08/2017**