

PERMIT NUMBER BR9685IX

DOW SILICONES UK LTD

SCHEDULE 5 INCIDENT NOTIFICATION

To:	Process Industry Inspector
FAO: Mr Geraint Harris	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:	[REDACTED]
Name Of Operator	Dow Silicones UK Ltd
Location of Process:	Cardiff Road, Barry, Vale of Glamorgan
FAX No:	
Telephone No:	01446 723960
Email	[REDACTED]
Date Information Provided:	12 th December 2022

Part A

Permit Number	EPR/BR9685IX
Name of Operator	Dow Silicones UK Ltd
Location of Facility	Barry, South Glamorgan, Wales
Time and Date of Detection	12 th December 2022 10:00

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	12 th December 2022
Reference or description of the location of the event	60m downstream of release point W1
Description of where any release into the environment took place	Slow release of activated sludge causing a build up of floating scum in an area of a fallen tree, shallow water and vegetation, located 60m downstream of W1 release point. River flow very low, area of stagnation. Identified during a pipeline weekly walk by another chemical site in the complex.
Substance(s) potentially released	Floating activated sludge from biological wastewater treatment process.
Best estimate of quantities or rate of release	Between 200 and 500kg over the course of 5-6 days, thin layer floating on the surface of the water over an area of approximately 10m by 5m.
Measures taken, or intended to be taken, to stop any emission	Release to the river stopped.
Description of the failure or accident	Unstable operation of biological wastewater treatment process. This would not be identified by daily composite sampling as this quantity of activated sludge in the released quantity of water would be within permitted parameters. A full investigation is being carried out and details will be included in part B.

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	
Post	Environmental Specialist
Signature	
Date	12 th December 2022