

Schedule 5 - Notification

These pages outline the information that the operator must provide.

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 EP Regulations.

Part A

Permit Number	BU2489IT
Name of operator	Sofidel UK Limited
Location of Facility	Briton Ferry Papermill
Time and date of the detection	09:00 21.10.2022

(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 the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
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 permit condition	
To be notified immediately	
Emission point reference/ source	W1
Parameter(s)	BOD
Limit	25mg/l
Measured value and uncertainty	37mg/l
Date and time of monitoring	11.10.2022 11.30
Measures taken, or intended to be taken, to stop the emission	Following on from the last Schedule 5 submitted on 17.10.2022, we have now received the sample results for the sample submitted on 11.10.2022. The BOD result is again high at 37 mg/l. An investigation is currently being undertaken to see what could

	<p>have caused the high results and further information will be provided in part B. We believe it is related to the bacteria activity in the bioreactor and an issue with the nutrient dosing to the bioreactor. Another sample has been submitted this week and the results will be available next week to confirm if the BOD is still outside of spec.</p>
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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	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	<p>We now believe the issue was due to low nutrient levels in the bioreactor which caused the bacteria to become dormant and not active. This was due to an issue with the nutrient mix being fed to the bioreactor. The line was airlocked which was not picked up. We have also run the centrifuge more frequently which will in turn remove bacteria from the system.</p>
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>The system has been checked to ensure it is dosing and this will be checked on a daily basis. We will also increase the amount of sludge being recirculated back to the bioreactor, in order to increase bacteria levels. The samples which have been submitted since this last breach have come back with results of 18mg/l and 6mg/l indicating that BOD is back in spec.</p>
Measures 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	N/A
The dates of any unauthorised emissions from the facility in the preceding 24 months.	10.08.2021- BOD Sample not received by Lab

	02.12.2021- BOD Result high 37mg/l 04.05.2022- BOD Result high 29mg/l 11.05.2022- BOD Result high 59mg/l 26.05.2022- BOD Result high 34mg/l 04.10.2022- BOD Result high 34mg/l
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Name*	Kerry Mackinnon
Post	Environment Manager
Signature	
Date	02.11.2022

* authorised to sign on behalf of the operator