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	PP3338CQ - V004
Name of operator	Excal limited
Location of Facility	Nantycaws Landfill
Time and date of the detection	1/6/21 15:00

(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 within 24 hours of detection	
Date and time of the event	1/6/21 - 15:00
Reference or description of the location of the event	Powercut at operator cabin, blower 2 tripped on reset, Pumps default to setting 5.
Description of where any release into the environment took place	Post treatment flow to river, flow diverted to holding lagoon for further treatment.
Substances(s) potentially released	Leachate.
Best estimate of the quantity or rate of release of substances	Consent limit not exceeded due to further dilution prior to river.
Measures taken, or intended to be taken, to stop any emission	out flow diverted to lagoon for further treatment. System reset.
Description of the failure or accident.	Powercut causes well pumps to increase pump rate.

(b) Notification requirements for the breach of a permit condition	
To be notified within 24 hours of detection	
Emission point reference/ source	Post treatment Sample - Sequence batch reactor.
Parameter(s)	Ammonia, Ph, SS, BOD, iron, COD
Limit	4.0mg/l, 6-9, 30mg/l, 20mg/l, 0.75mg/l
Measured value and uncertainty	2.9mg/l NH4.
Date and time of monitoring	1/6/21 15:00
Measures taken, or intended to be taken, to stop the emission	PLC reset and blower back online. pump throughput reduced to 1 from 5.

Time periods for notification following detection of a breach of a limit	
Parameter	**Notification period**
No limit breached.	

(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 within 24 hours of detection	
Description of where the effect on the environment was detected	Increase in NH4 detected but not exceeded.
Substances(s) detected	NH4.
Concentrations of substances detected	2.9 mg/l at sampling well.
Date of monitoring/sampling	1/6/21

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	N/A.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Post treatment sampled on 2/6/21 and was at 1.5mg/l - Possible UPS?
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	Well pumps reduced, lagoon cycled. Testing on 2/6/21 AM confirms system online and treatment effective.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	N/A.

Name*	Matthew Sillick
Post	Supervisor
Signature	
Date	2/6/21.

* authorised to sign on behalf of the operator