

Schedule - Notification

This page outlines 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	GP3830BG
Name of Operator	FCC Waste Services (UK) Limited
Location of Facility	Chirk / Pen-Y-Bont Landfill
Time and date of the detection	12/01/2022 00:00

(a) Notification requirements for any 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	
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 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 limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference / source	LC1D
Parameter(s)	Leachate level (mAOD)
Limit	43 (mAOD)
Measure value and uncertainty	46.27
Date and time of monitoring	11/01/2022 00:00

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	We have installed a new pumping system at the site which has much improved leachate levels in general across the majority of the chambers. At LC1D we intend to perform desilting works via external contractor to allow the pump to operate to bring the leachate level to compliance. This work is a priority for FCC, however, completing this work has not yet been possible due to many delays with the sourced contractors. The pump in LC1D is operating normally and reliably at it's current hang height. This is keeping the leachate level as low as possible at LC1D until further improvements through desilting works are made. An amount of foaming is known to occur at LC1D which may often give a higher liquid level signal when the chamber is dipped. Much work has been carried out since March 2020 to eliminate the historical foaming issues from all of the main leachate chambers, being caused by high gas pressures. We see the results of this work in field dipping where we are now able to obtain very accurate field levels from both internal leachate technicians and contracted monitoring personnel (Enitail) visiting the site on separate occasions. These individual data streams now correlate very closely, portraying a much better level of leachate control at the site. Anti-foam liquid dosing measures are additionally being used at LC1D to maintain dipping accuracy. This chamber is electrically pumped which tends to cause more liquid agitation than a pneumatically pumped chamber.

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

(c) Notification requirements 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	
Substances detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B To be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	A new pumping system has been installed at the site as of August 2021 at a significant cost.
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	Further improvements are to be made to the leachate storage tanks and their associated infrastructure which we are currently discussing with NRW.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Weekly system checks and dips being performed by FCC's in-house leachate technician. Weekly site visits from electrical contractor REM performing electrical testing and checks.
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	Telemetry is installed at LC1D. Telemetry is being used along with the weekly site checks to view tank levels and system performance so that any issues can be seen and resolved quickly.
The dates of any unauthorised emissions from the facility in the preceding 24 months.	August, September, October, November, December of 2020. January 2021, February 2021, March 2021. April 2021, May 2021, June 2021, July 2021, August 2021, September 2021, October 2021, November 2021, December 2021.

Name*	Leon Terrace
Post	Compliance advisor
Signature	
Date	12/01/2022

* authorised to sign on behalf of the operator