

Schedule 6 Notification

Part A

Permit Number	GP3830 BG
Name of Operator	FCC Environment
Location of Installation	Pen-Y-Bont Landfill, Pentre, Chirk
Time and date of the detection	21st January 2015 (sampling), 5 th February 2015 (laboratory report received).

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and time of the event	N/A
Reference or description of the Location of the event	N/A
Discription of where any release into The environment took place	N/A
Substance(s) potentially released	N/A
Best estimate of the quantity or rate Of release substances	N/A
Measures taken or intended to be taken, To stop any emission	N/A
Description of the failure or accident	N/A

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours unless otherwise specified below	
Emission point reference/ source	Groundwater borehole BH7.
Parameters(s)	Ammoniacal Nitrogen
Limit	As per limits specified in Table S2.2.8B of the site permit.
Measured value and uncertainty	Ammoniacal Nitrogen; (lab uncertainty 9.4%); BH7 – 4.9mg/l (limit 1.3mg/l)
Date and time of monitoring	21st January 2015 – sampling 5th February 2015 – laboratory report received
Measures taken or intended to be taken to stop any emission	Possible explanations for this breach could be; Borehole BH7 is on the verge of the haul road right opposite where vehicles exit the landfill area (prior to reaching the wheelwash) and it is possible that lightly contaminated/muddy waters may be washing into the area of the borehole. The location of this borehole is also close to a large pile of spoil containing carbonaceous material with borehole BH14 located nearby which was previously tested for TPH due to elevated levels being detected. In the case of a liner breach an increase in Chloride would be expected alongside the NH4N but Cl has remained steady. COD and BOD are slightly elevated, however, looking back over 5 years of data there have been spikes (of COD especially) from time to time. Retesting of the sample by our contract laboratory for NH4N has been requested. The groundwater sampling to be carried out in February is a quarterly suite, with additional determinands being tested, which, if the breach is repeated will allow further interpretation as to a likely source. Data from this borehole will be continue to be carefully monitored for NH4N and all other parameters analysed.

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on The environment was detected	n/a
Substance(s) detected	n/a

Concentrations of substances Detected	n/a
Date of monitoring/sampling	n/a

Part B

Any more accurate information on the matters for notification under Part A.	Repeat sampling of the water taken from borehole Bh7 on 21/01/15 confirmed the original breach with a result of 4.7mg/l.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Further sample taken during scheduled quarterly sampling on 18/02/15.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	Borehole BH7 fully purged and sampled on 18/02/15, analysed at laboratory with a result returned (below the trigger limit of 1.3mg/l) of 0.4mg/l on 05/03/15.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	As previously reported via Schedule 6s

Name	Colin Shaw
Post	Site Manager
Signature	
Date	06/03/15