

Schedule 6 Notification

Part A

Permit Number	GP3830 BG
Name of Operator	WRG Waste Services Limited
Location of Installation	Pen-Y-Bont Landfill, Pentre, Chirk
Time and date of the detection	9th January 2015

(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	Perimeter Borehole G11
Parameters(s)	CH4 (%v/v) in perimeter boreholes
Limit	Limits as specified in Table S4.5 of the site permit.
Measured value and uncertainty	Value; G11 – 2.1%v/v CH4, Uncertainty; (+/-0.5%v/v)
Date and time of monitoring	09/01/2015
Measures taken or intended to be taken, to stop any emission	There is a breach of the methane trigger level in borehole G11 with a value of 2.1%v/v recorded. Previous breaches at this location occurred in November (2.4%) and December (2.1%) 2013. These occurrences were short lived. The gas composition in G11 is unusual with low CO2 (4.1%) with O2 at 0.8%, leaving a balance gas of 93.0%, presumably of Nitrogen unless there is some non-landfill source contributing? The upper sections of the boreholes in that location are in made ground and geochemical processes may be a factor with seasonal flushing of the ground by rainfall. This may also have happened in late 2013 with the heavy rains that occurred then. Regardless of any other mitigating factors our gas contractors have increased the frequency of gas field balancing on the adjacent South West flank of the site. Perimeter gas monitoring of the borehole has been increased to weekly (as per the LFGMP) to review the situation and trends.

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
Methane	24 Hours
Leachate level limit	5 working days
(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.	Methane level in borehole G11 back below 1% trigger limit on 28 th April 2015 – see data below.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Weekly monitoring since initial breach on 9 th January 2015; 15/01/15 – 1.4%v/v 20/01/15 – 1.6%v/v 30/01/15 – 1.7%v/v 06/02/15 – 1.9%v/v (Monthly) 13/02/15 – 2.9%v/v 18/02/15 – 2.3%v/v 25/02/15 – 2.8%v/v 06/03/15 – 2.2%v/v (Monthly) 13/03/15 – 2.4%v/v 17/03/15 – 2.1%v/v 24/03/15 – 2.6%v/v 02/04/15 – 2.2%v/v (Monthly) 09/04/15 – 1.6%v/v 16/04/15 – 1.2%v/v 24/04/15 – 1.1%v/v 28/04/15 – 0.8%v/v
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	Increased field balancing at gas wells closest to affected borehole. Borehole monitored at increased frequency of weekly.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	As reported in previous notifications of CH ₄ breaches.

Name	Colin Shaw
Post	Site Business Manager
Signature	
Date	29/04/15