



## 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 |
| Description 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>(b) Notification requirements for the breach of a limit</b><br><b>To be notified within 24 hours unless otherwise specified below</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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,<br>Uncertainty; (+/-0.5%v/v)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Date and time of monitoring                                                                                                              | 09/01/2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Measures taken or intended to be taken,<br>to stop any emission                                                                          | <p>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.</p> <p>Regardless of any other mitigating factors we have requested that our gas contractors increase balancing of the gas field on the adjacent South West flank of the site. We will also escalate monitoring of the borehole to weekly (as per the LFGMP) to review the situation and trends.</p> |

| <b>Time periods for notification following detection of a breach of a limit</b>                                                                              |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>Parameter</b>                                                                                                                                             | <b>Notification period</b> |
| Methane                                                                                                                                                      | 24 Hours                   |
| Leachate level limit                                                                                                                                         | 5 working days             |
| <b>(c) Notification requirements for the detection of any significant adverse environmental effect</b><br><b>To be notified within 24 hours of detection</b> |                            |
| Description of where the effect on<br>The environment was detected                                                                                           | N/A                        |
| Substance(s) detected                                                                                                                                        | N/A                        |
| Concentrations of substances<br>Detected                                                                                                                     | N/A                        |
| Date of monitoring/sampling                                                                                                                                  | N/A                        |

## Part B

|                                                                                                                                                                       |                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <b>Any more accurate information on the matters for notification under Part A.</b>                                                                                    | To be completed once CH4 back below the trigger level.                 |
| <b>Measures taken, or intended to be taken, to prevent a recurrence of the incident</b>                                                                               |                                                                        |
| <b>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</b> |                                                                        |
| <b>The dates of any unauthorised emissions from the installation in the preceding 24 months.</b>                                                                      | As reported in previous notifications of CH4, CO2 & Leachate breaches. |

|                  |                                                                                      |
|------------------|--------------------------------------------------------------------------------------|
| <b>Name</b>      | <b>Colin Shaw</b>                                                                    |
| <b>Post</b>      | <b>Site Business Manager</b>                                                         |
| <b>Signature</b> |  |
| <b>Date</b>      | <b>10/01/15</b>                                                                      |

