

RECEIVED

30 APR 2013

HAF075v3 – 30/04/13

## Part A

|                                |   |
|--------------------------------|---|
| Permit Number                  | BS8621  |
| Name of Operator               | Cory Environmental Ltd                          |
| Location of Installation       | Bangor Road<br>Johnstown<br>Wrexham<br>LL14 6ET |
| Time and date of the detection |   |

|  |   |
|--|---|
| b) Notification requirements for breach of a limit                     |   |
| To be notified within 24 hours of detection unless otherwise specified |   |
| Emission point reference/source  | See attached table  |
| Parameter(s)   | Methane and Carbon dioxide  |
| Limit  | See attached table  |
| Measured value and uncertainty   | See attached table  |
| Date and time of monitoring  | See attached table  |
| Measures taken, or intended to be taken, to stop the emission          | Breaches of carbon dioxide in the absence of methane are not considered to be landfill gas. Breaches where the methane to carbon dioxide ratio is much greater than or much less than 1.5 is very unlikely to be landfill gas. Much of the gas seen is believed to be mine gas. |

## Part B

|  |  |
|--|--|
| Any more accurate information on the matters for notification under Part A.  |  |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident   |  |
| 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 |  |
| The dates of any unauthorised emissions from the installation in the preceding 24 months.  |  |

|                           |        |
|---------------------------|--------|
| INITIALS                  | DATE   |
| OK FOR PUBLIC REGISTER    | 7.5.13 |
| COPIED TO PUBLIC REGISTER | JB EDM |

|      |                            |
|------|----------------------------|
| Name | Deborah Weston             |
| Post | Environmental Data Manager |
| Date | 30.04.2013                 |

| Sample Point | Date             | CH <sub>4</sub> | CO <sub>2</sub> | O <sub>2</sub> | AP   | RP    |
|--------------|------------------|-----------------|-----------------|----------------|------|-------|
|              |                  | %               | %               | %              | mb   | mb    |
| BH HA 10(B)  | 05/03/2013 12:45 | 8.9             | 15.8            | 6.3            | 990  | 0.02  |
| BH HA 10(B)  | 19/03/2013 15:03 | 6.5             | 4.7             | 18.7           | 981  | -0.03 |
| BH HA 10(B)  | 26/03/2013 13:33 | 3.8             | 14.3            | 11.2           | 1002 | 0.05  |
| BH HA 10(M)  | 05/03/2013 12:44 | 14.7            | 16              | 6.9            | 990  | 0.07  |
| BH HA 10(M)  | 19/03/2013 15:02 | 19.7            | 23.3            | 1.8            | 981  | -0.02 |
| BH HA 10(M)  | 26/03/2013 13:31 | 9.5             | 13.2            | 10.2           | 1002 | 0.05  |
| BH HA 10(T)  | 05/03/2013 12:43 | 16.2            | 17.7            | 5.6            | 990  | 0.04  |
| BH HA 10(T)  | 19/03/2013 15:00 | 25.9            | 21.2            | 11.3           | 981  | -0.02 |
| BH HA 10(T)  | 26/03/2013 13:30 | 9.9             | 13.3            | 9.9            | 1002 | 0.06  |
| BH HA 11B(M) | 05/03/2013 12:40 | 0               | 2               | 9.1            | 990  | 0.02  |
| BH HA 1B(M)  | 05/03/2013 13:22 | 0               | 1.8             | 17             | 990  | 0.03  |
| BH HA 9A(T)  | 05/03/2013 10:52 | 0               | 7.8             | 14.9           | 990  | 0.03  |
| BH HA 9A(T)  | 12/03/2013 10:47 | 0               | 7               | 15.3           | 1000 | -0.06 |
| BH HA 9A(T)  | 19/03/2013 12:32 | 0               | 7.4             | 15.9           | 982  | 0     |
| BH HA 9A(T)  | 26/03/2013 13:40 | 0               | 8.2             | 15.4           | 1002 | 0.1   |

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|           |                  |      |      |      |      |       |
|-----------|------------------|------|------|------|------|-------|
| HAF GB1   | 05/03/2013 10:56 | 34.1 | 22.9 | 1.3  | 990  | 0.01  |
| HAF GB1   | 12/03/2013 10:51 | 30.2 | 20.8 | 2.1  | 1001 | 0     |
| HAF GB1   | 19/03/2013 12:37 | 34.9 | 22.9 | 1.5  | 983  | 0     |
| HAF GB1   | 26/03/2013 13:44 | 33.2 | 21.1 | 1.5  | 1002 | 0.03  |
| HAF GB10A | 05/03/2013 11:27 | 0    | 3    | 19.4 | 991  | 0.01  |
| HAF GB10A | 12/03/2013 11:25 | 0    | 1.7  | 19.9 | 1001 | 0.08  |
| HAF GB11  | 05/03/2013 11:30 | 1.1  | 1.2  | 20.2 | 991  | 0.02  |
| HAF GB12  | 05/03/2013 11:32 | 5.9  | 7.9  | 8.5  | 990  | 0.05  |
| HAF GB12  | 12/03/2013 12:00 | 5    | 7.4  | 8.9  | 1000 | 0.01  |
| HAF GB12  | 19/03/2013 13:14 | 3.8  | 6.9  | 10.2 | 982  | -0.12 |
| HAF GB12  | 26/03/2013 14:23 | 2.7  | 6.2  | 10.2 | 1001 | 0.02  |
| HAF GB13  | 05/03/2013 11:34 | 0    | 3.2  | 9.2  | 990  | 0     |
| HAF GB13  | 12/03/2013 12:03 | 0    | 4.3  | 3.6  | 1000 | 0.04  |
| HAF GB13  | 19/03/2013 13:17 | 0    | 2.6  | 11.5 | 982  | 0.03  |
| HAF GB13  | 26/03/2013 14:25 | 0    | 4.1  | 5.1  | 1001 | -0.02 |
| HAF GB15  | 05/03/2013 11:36 | 0    | 2.8  | 16.7 | 990  | 0.02  |
| HAF GB15  | 12/03/2013 12:06 | 0    | 7.5  | 7.5  | 999  | 0.05  |
| HAF GB15  | 19/03/2013 13:20 | 0    | 8.4  | 9.3  | 982  | 0.02  |
| HAF GB15  | 26/03/2013 14:28 | 0    | 7.9  | 9.6  | 1001 | 0     |
| HAF GB19  | 26/03/2013 14:36 | 0    | 1.9  | 19.4 | 1001 | -0.02 |
| HAF GB2   | 05/03/2013 10:58 | 0.6  | 5.4  | 14.5 | 990  | -0.04 |
| HAF GB2   | 12/03/2013 10:52 | 0.8  | 4.8  | 14.6 | 1001 | 0     |
| HAF GB2   | 19/03/2013 12:38 | 0.5  | 4.3  | 15.5 | 983  | -0.03 |
| HAF GB2   | 26/03/2013 13:45 | 0.2  | 3.7  | 15.3 | 1002 | 0     |
| HAF GB3   | 05/03/2013 10:59 | 1.6  | 3.8  | 17   | 990  | -0.01 |
| HAF GB3   | 12/03/2013 10:54 | 0.1  | 4.1  | 15.9 | 1001 | -0.02 |
| HAF GB3   | 26/03/2013 13:46 | 1.5  | 5.3  | 14.3 | 1002 | 0     |
| HAF GB4A  | 05/03/2013 11:01 | 48.3 | 36.2 | 1    | 990  | 0     |
| HAF GB4A  | 12/03/2013 10:56 | 46   | 34.1 | 1.4  | 1000 | 0     |
| HAF GB4A  | 19/03/2013 12:41 | 51.6 | 37.1 | 0.8  | 983  | 0     |
| HAF GB4A  | 26/03/2013 13:48 | 50.5 | 34.6 | 1    | 1002 | -0.04 |
| HAF GB4B  | 05/03/2013 11:02 | 43.9 | 35.1 | 0.5  | 990  | -0.05 |
| HAF GB4B  | 12/03/2013 10:58 | 35.6 | 29.6 | 3.1  | 1000 | 0     |
| HAF GB4B  | 19/03/2013 12:42 | 46.5 | 35.3 | 0.7  | 983  | -0.04 |
| HAF GB4B  | 26/03/2013 13:49 | 39.6 | 29.3 | 3.1  | 1002 | -0.02 |
| HAF GB6A  | 05/03/2013 11:19 | 50.1 | 25.5 | 0.8  | 991  | -0.01 |
| HAF GB6A  | 12/03/2013 11:15 | 43.8 | 23.6 | 2.2  | 1000 | -0.02 |
| HAF GB6A  | 19/03/2013 13:00 | 48.9 | 26.5 | 0.9  | 983  | 0     |
| HAF GB6A  | 26/03/2013 14:08 | 46.1 | 24.2 | 1.8  | 1002 | 0.04  |
| HAF GB7A  | 05/03/2013 11:22 | 45.5 | 27.9 | 0.5  | 991  | -0.02 |
| HAF GB7A  | 12/03/2013 11:17 | 40.4 | 26.2 | 1.5  | 1000 | 0.09  |
| HAF GB7A  | 19/03/2013 13:03 | 42.6 | 28.1 | 0.9  | 983  | -0.03 |
| HAF GB7A  | 26/03/2013 14:10 | 33.8 | 21.8 | 4.8  | 1002 | 0.03  |
| HAF GB7B  | 05/03/2013 11:23 | 55.3 | 13.9 | 0.6  | 991  | -0.05 |
| HAF GB7B  | 12/03/2013 11:19 | 54.9 | 13.5 | 1.1  | 1000 | 0.03  |
| HAF GB7B  | 19/03/2013 13:05 | 54.2 | 14.2 | 1.2  | 983  | -0.05 |
| HAF GB7B  | 26/03/2013 14:12 | 46.7 | 12.7 | 3.4  | 1002 | 0.1   |
| HAF GB8   | 05/03/2013 11:24 | 27.8 | 15.5 | 0.6  | 991  | -0.04 |
| HAF GB8   | 12/03/2013 11:21 | 26.5 | 17   | 1.1  | 1000 | 0.05  |
| HAF GB8   | 19/03/2013 13:06 | 33.6 | 19   | 1    | 983  | -0.06 |
| HAF GB8   | 26/03/2013 14:14 | 57.3 | 26.2 | 1    | 1002 | 0.15  |
| HAF GB9   | 05/03/2013 11:26 | 0    | 2.9  | 16.1 | 991  | 0.08  |
| HAF GB9   | 12/03/2013 11:22 | 0    | 2.8  | 16.4 | 1000 | 0.08  |
| HAF GB9   | 19/03/2013 13:08 | 0    | 2.8  | 17.4 | 983  | -0.07 |
| HAF GB9   | 26/03/2013 14:16 | 0    | 2.4  | 17.7 | 1002 | 0.38  |