



Your ref: EAWML30058

Our ref: 14739/075/CBH/RHT/VKR/AREA1GAS

25th November 2015

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Attn: Geraint Richards

Dear Geraint

RE: EAWML30058 - DOCKSWAY DISPOSAL SITE. AREA 1 GAS MONITORING REPORT, ROUND 001AC.

We write to provide the 1st aftercare gas monitoring report for Area 1 of Docksway Disposal Site (EAWML30058) since definitive closure was granted in October 2014. The monitoring was undertaken on the 30th July 2015.

We enclose with this report a data sheet of results for this round.

Methane

Methane concentrations were recorded above the methane Trigger Level (1%) in six of the thirteen wells monitored during R001AC. Measured concentrations above the trigger level range between 1.2% and 76.3%.

Carbon Dioxide

Carbon dioxide concentrations were recorded above the carbon dioxide Trigger Level (1.5%) in ten of the thirteen wells monitored during R001AC. Measured concentrations above the trigger level range between 1.9 and 17.7%.

Oxygen

Oxygen concentrations were recorded below the minimum Trigger Level (18%) in nine of the thirteen wells monitored during R001AC. Measured concentrations below the minimum trigger level range between 17% and 0%.

Concluding Remarks

In general, methane, carbon dioxide and oxygen concentrations continue to exceed the Trigger Levels stipulated in the Docksway Disposal Site Waste Management Licence for Area 1 at many of the monitoring locations. As detailed in previous monitoring reports, this is thought to be because all the site monitoring wells are installed in waste which has been historically deposited outside the current licensed landfill perimeter, across the peninsula of land upon which Docksway Disposal Site is situated.

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If you have any questions regarding the data or its format then please do not hesitate to contact us.

Yours sincerely

Kate Riley
For and on behalf of
PETER BRETT ASSOCIATES LLP

Cc. Gwyn Jones - NCC

Enc. R001AC Data Table

Weather Conditions: N/R

Date Sampled: 30th July 2015

Borehole	Barometric Pressure (mBars)	Differential Pressure (mBars)	Methane (% Volume)	Carbon Dioxide (% Volume)	Oxygen (% Volume)	Gas flow - (l/hr)
GP07_05a	1021	16.82	1.2	2.4	13.7	-1.10
GP12_26	1021	-0.17	1.0	1.9	19.0	-0.40
GP09_09	1021	-0.09	18.3	17.7	0.4	-0.50
NCC2	1020	0.17	0.3	11.0	1.1	-0.11
NCC3	1021	0.12	0.1	2.0	16.9	0.10
NCC5	1021	0.00	0.0	0.0	19.5	0.00
NCC6	1021	0.00	76.3	13.0	0.0	-0.10
NCC1	1020	-0.02	0.0	7.6	11.6	-0.10
GP03_03a	1021	0.02	1.6	1.5	18.4	-0.50
GP03_13	1020	0.17	11.0	2.8	17.0	-0.60
GP03_02	1020	0.10	14.4	5.6	16.1	-0.60
GP12_27	1020	0.11	0.3	7.4	13.8	0.01
GP03_01	1021	0.09	1.0	0.4	19.8	0.20

Equipment Used: GASDATA LMSxi and GF60 flow meter

Key:

LEL Lower Explosive Limit

xx Methane Concentration above Trigger Level (1%)

xx Carbon Dioxide Concentration above Trigger Level (1.5%)

xx Oxygen Concentration below Minimum Trigger Level (18%)

N/D Not determined

