

Your ref: DP3733BK

Our ref: 14739/3505/CBH/RHT/VKR/AREA 2 GAS



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Attn: Mr David Willey

Dear David

RE: DP3733BK - DOCKSWAY DISPOSAL SITE. LATEST AREA 2 GAS MONITORING RESULTS, ROUNDS 128 TO 130.

We write to provide the latest quarterly gas monitoring report for Area 2 of Docksway Disposal Site. The report includes comment on the Area 2 gas monitoring results collected to date. Gas monitoring is required on a monthly basis at Area 2 of Docksway Disposal Site and the results of the monitoring are reported to the EA on a quarterly basis.

We enclose with this report three data sheets showing the results collected between October and December 2014 (i.e. Rounds 128 to 130).

Gas monitoring wells are installed at approximately 100m intervals around the Area 2 landfill perimeter. Twelve wells were monitored during Round 128 and thirteen wells were monitored during Rounds 129 and 130. Borehole GP05_22 was not monitored during Round 128 due to being flooded.

Trigger Levels

Trigger Levels for all the Area 2 wells are shown on the attached data tables.

Methane Results Summary

The methane concentrations recorded at each of the gas monitoring wells between October and December 2014 are summarised on the attached data sheets.

The concentrations of methane and carbon dioxide did not exceed the well specific trigger levels at any of the Area 2 wells monitored during rounds 128 to 130.

GP06_24 and GP06_25 are constructed to the south of the in-ground barrier wall installed between Area 1 and Area 2 and as agreed with NRW, no compliance limits are required for these wells. GP06_24 and GP06_25 recorded methane concentrations of between 81% and 89%, and 18% and 34% respectively.

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Carbon Dioxide Results Summary

In general, carbon dioxide concentrations have continued to fluctuate in all of the monitoring wells during Rounds 128 to 130. Concentrations recorded a range between a minimum of 0.1%v/v and a maximum of 7.1%v/v and were all below the well specific Trigger Levels. The attached data sheets summarise the carbon dioxide concentrations recorded during the last three rounds of monitoring.

Concluding Remarks

In general it is considered that the results obtained from the three rounds of gas monitoring are within the range of results obtained since commencement of monitoring.

NCC will continue to undertake Area 2 perimeter gas monitoring on a monthly basis and PBA will continue to provide factual and interpretative reports to the EA on a quarterly basis.

Yours sincerely

Kate Riley
For and on behalf of
PETER BRETT ASSOCIATES LLP

Cc. Gwyn Jones – NCC (Docksway Disposal Site)

Enc. Gas Monitoring Data Tables
Figure A – Monitoring Point Location Plan